

2011 APACHE™

A5720 • A51020 • A51220

Parts Manual



Specifications

AS720

Tank Capacity	750 gallons [2839 liters]
Engine	160 hp [119.3 kW] Tier III Cummins
Transmission	ITL/JCB Power shift 4-speed, torque converted
Speed Ranges	1st 0-5 mph [0-8.04 km/h] 2nd 0-9 mph [0-14.5 km/h] 3rd 0-16 mph [0-25.7 km/h] 4th 0-28 mph [0-45 km/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
Cab.	ET custom pressurized cab
Crop Clearance	42 in. [106.6 cm] or 50 in. [127 cm]
Axles.	120 to 160 in. [304.8 to 406.4 cm] 120 in. [304.8 cm] fixed
Final Drive	ITL/JCB planetary gear set
Weight	17,400 lb [7892.5 kg] dry weight
Fuel Capacity	100 gallons [379 liters]
Width	12 ft [3.6 m]
Length	24 ft [7.3 m]
Height.	144 in. [365.7 cm]
Wheel Base	15 ft [4.6 m]
Turning Radius	17 ft [5.1 m]
Tires	Standard Front: 380/80R38 Standard Rear: 380/90R46 Optional: 320/90R50
Booms	80 ft [24.3 m] 90 ft [27.4 m] 100 ft [30.4 m], 60 / 80 ft [18.2 / 24.3 m] 60 / 90 ft [18.2 / 27.4 m]
Boom Height.	42 in. [106.6 cm] CC: 14 to 74 in. [35.5 to 187.9 cm] 50 in. [127 cm] CC: 22 to 82 in. [55.9 to 208.3 cm]
Product Pump.	Hypro 9306S HM1C, hydraulically driven centrifugal pump
Roto-Flush	Pump pressured

AS1020

Tank Capacity 1000 gallons [3785.4 liters]
Engine 173 Cummins Tier III
Transmission Standard: ZF PowerShift 6-speed with lock-up torque converter
Speed Ranges 1st 0 to 5 mph [8.04 km/h]
 2nd 0 to 7 mph [11.27 km/h]
 3rd 0 to 11 mph [17.7 km/h]
 4th 0 to 17 mph [27.36 km/h]
 5th 0 to 27 mph [43.45 km/h]
 6th 0 to 35 mph [56.3 km/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
Cab ET custom pressurized cab
Crop Clearance . . . 42 in. [106.6 cm] or 50 in. [127 cm]
Axles. 120 to 160 in. [304.8 to 406.4 cm] Adjustable Axle Width with optional hydraulic
 adjust
 120 in. [304.8 cm] Fixed Axle Width (Standard)
Final Drive ITL/JCB Planetary Gear Set (42 in. [106.6 cm] CC)
 Gear Drive Drop Box (50 in. [127 cm] CC)
Weight 18,500 lbs [8391.4 kg] (dry weight)
Fuel Capacity 100 gallons [379 liters]
Width 12 ft [3.6 m]
Length 24 ft [7.3 m]
Height 143 in. [363 cm]
Wheel Base 15 ft [4.6 m]
Turning Radius . . . 17 ft [5.1 m]
Tires Standard Front: 380/80R38
 Standard Rear: 380/90R46
Booms 80 ft [24.3 m]
 90 ft [27.4 m]
 100 ft [30.4 m],
 60 / 80 ft [18.2 / 24.3 m]
 60 / 90 ft [18.2 / 27.4 m]
Boom Height. 14 to 74 in. [35.5 to 187.9 cm] (42 in. [106.6 cm] CC:)
 22 to 82 in. [55.9 to 208.3 cm] (50 in. [127 cm] CC:)
Product Pump. . . . Hypro 9306S HM1C, hydraulically driven centrifugal pump
Roto-Flush Pump pressured

AS1220

Tank Capacity	1200 gallons [4542.4 liters]
Engine	215 Cummins Tier III
Transmission	Standard: ZF PowerShift 6-speed with lock-up torque converter
Speed Ranges	1st 0 to 5 mph [8.04 km/h] 2nd 0 to 7 mph [11.27 km/h] 3rd 0 to 11 mph [17.7 km/h] 4th 0 to 17 mph [27.36 km/h] 5th 0 to 27 mph [43.45 km/h] 6th 0 to 35 mph [56.3 km/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
Cab.	ET custom pressurized cab
Crop Clearance	50 in. [127 cm]
Axles.	120 to 160 in. [304.8 to 406.4 cm] Adjustable Axle Width with optional hydraulic adjust 120 in. [304.8 cm] Fixed Axle Width (Standard)
Final Drive	Fairfield All Gear Drop Box (50 in. [127 cm] CC)
Weight	20,900 lbs [9480.1 kg] (dry weight)
Fuel Capacity	100 gallons [379 liters]
Width	12 ft [3.6 m]
Length	24 ft [7.3 m]
Height.	143 in. [363 cm]
Wheel Base	15 ft [4.6 m]
Turning Radius	17 ft [5.1 m]
Tires	Standard Front: 380/80R38 Standard Rear: 380/90R46
Booms	80 ft [24.3 m] 90 ft [27.4 m] 100 ft [30.4 m], 60 / 80 ft [18.2 / 24.3 m] 60 / 90 ft [18.2 / 27.4 m]
Boom Height.	22 to 82 in. [55.9 to 208.3 cm] (50 in. [127 cm] CC:)
Product Pump.	Hypro 9306S HM1C, hydraulically driven centrifugal pump
Roto-Flush	Pump pressured

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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 and suspension brackets
200	part number prefix for engine parts
300	part number prefix for drive line components, transmissions, differentials, planetary, drop box and drive shafts
400	part number prefix for cab, hood, decals and glass
500	part number prefix for wheels, tires and 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 and rebuilt components
K	part number prefix for parts available in kit form
CC	Crop Clearance
42" CC	42" Crop Clearance
50" CC	50" Crop Clearance
Heavy Duty Front Axle	38" front tires with 12,000 lb. hubs, larger king pins and outer flex's
120"-160"	Axle is adjustable from 120" to 160" from center of tire to center of tire

120" Fixed	Axle is not adjustable and is center of tire to center of tire
AOG	Adjust On the Go
AP	Apache
A/R	As Required
BSPM	British Standard Pipe Male
DEG	Degree
FHCS	Flat Head Cap Screw
FLF	Flared Female Fitting
FLM	Flared Male Fitting
FP	Full Port
HB	Hose Barb
HP	Horsepower
HHCS	Hex Head Cap Screw
JIC	Joint Industry Council
LD	Long Drop
LHC	Left Hand Cylinder
L/H	Left Hand
NSS	Not Sold Separately
ORF	O-ring Female
ORM	O-ring Male
PF	Pipe Female
PM	Pipe Male
QDC	Quick Disconnect
RHC	Right Hand Cylinder
R/H	Right Hand
SHCS	Socket Head Cap Screw
SHSB	Socket Head Shoulder Bolt
SS	Stainless Steel
STD	Standard Port
ZP	Zinc Plated

Quick List

2011 Apache Filters, Hydraulic Cylinders, Seal Kits and Belts

Filters

ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
201450241	Engine Oil Filter	Fleetguard	LF3970	All Models
201450242	Engine Fuel Filter	Fleetguard	FS19732	All Models
201450243	Engine Fuel Filter	Cummins	3978040	All Models
201300116	Air Filter Primary	Donaldson	P608676	All Models
201300117	Air Filter Secondary	Donaldson	321925753	All Models
300000101	Transmission Filter	Filter ITL(JCB)	581/18092	AS720
310100001	Transmission Filter (ZF)	Cross not available		AS1020 and 1220
880000026	Hydraulic Filter	Cross not available		All Models
840000010	Hydraulic Strainer (In Tank)	Cross not available		All Models
490003651	Cab Charcoal Filter	Cross not available		All Models
490006661	Cab Recirculation Filter	Cross not available		All Models
201450290	Fuel Filter (In Line)	Cross not available		All Models

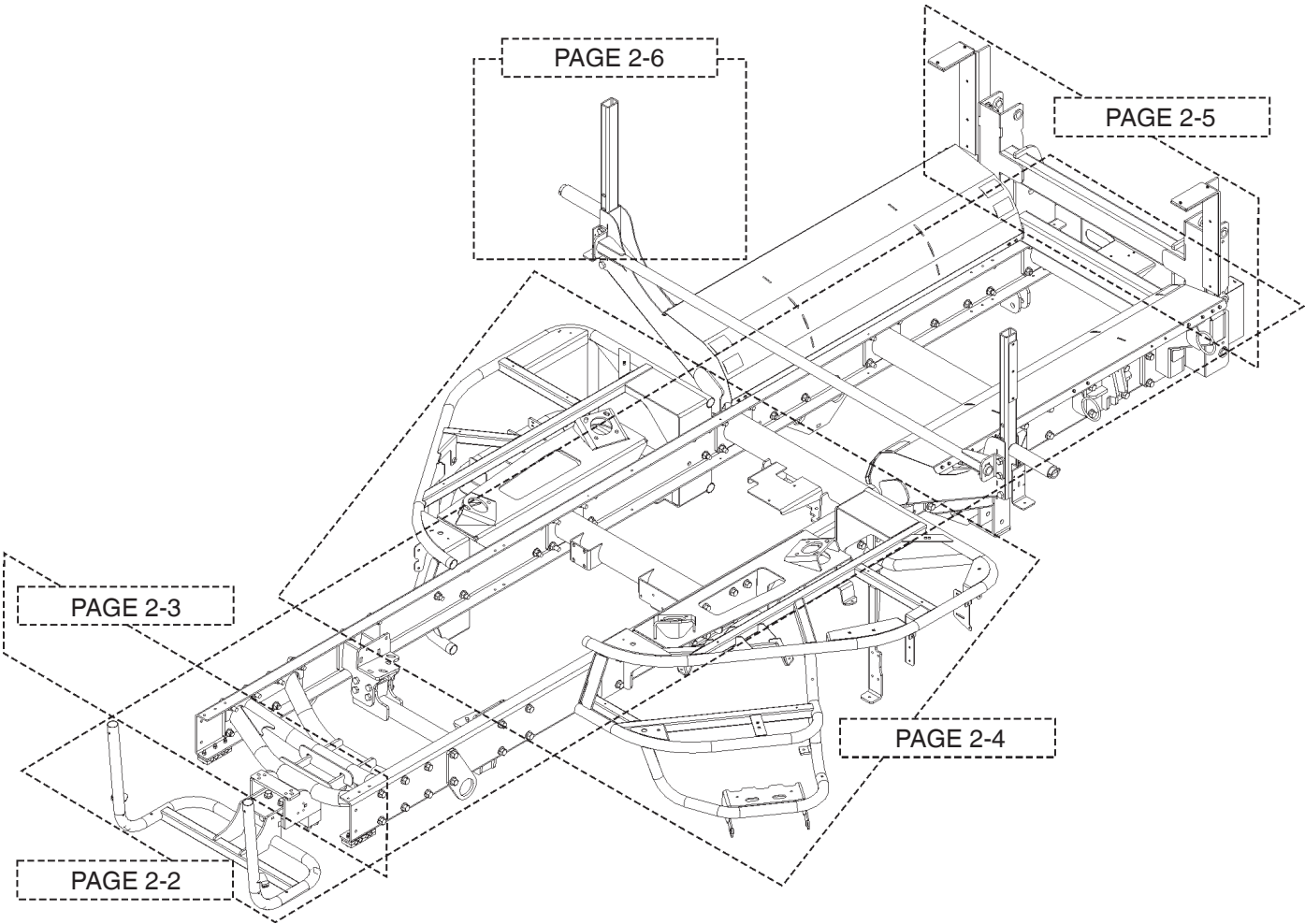
Hydraulic Cylinders and Seals

ET Part Number	Description	Seal Kit Part Number	Apache Model
600901510	Boom tilt up/down	600901515	All Models
600901510	Boom fold in/out	600901515	All Models
600901511	Boom tip in/out	600901516	All Models
600901406	Boom Rack up/down	600901408	All Models
100106052	Rear Suspension Leveling (small)	100106056	All Models
100106063	Rear Suspension Load (large)	100106065	All Models
850000124	Ladder Cylinder	Kit not available	All Models
850000129	Steering Cylinder (Adjustable axle)	850000132	All Adjustable Axle Machines
850000130	Steering Cylinder (Fixed Axle)	Kit not available	All Fixed Axle Machines
100106514	Front Strut	100106515	All Models
Note: Part Numbers are stamped into the barrel of all cylinders on 2011 Apaches.			

Belts

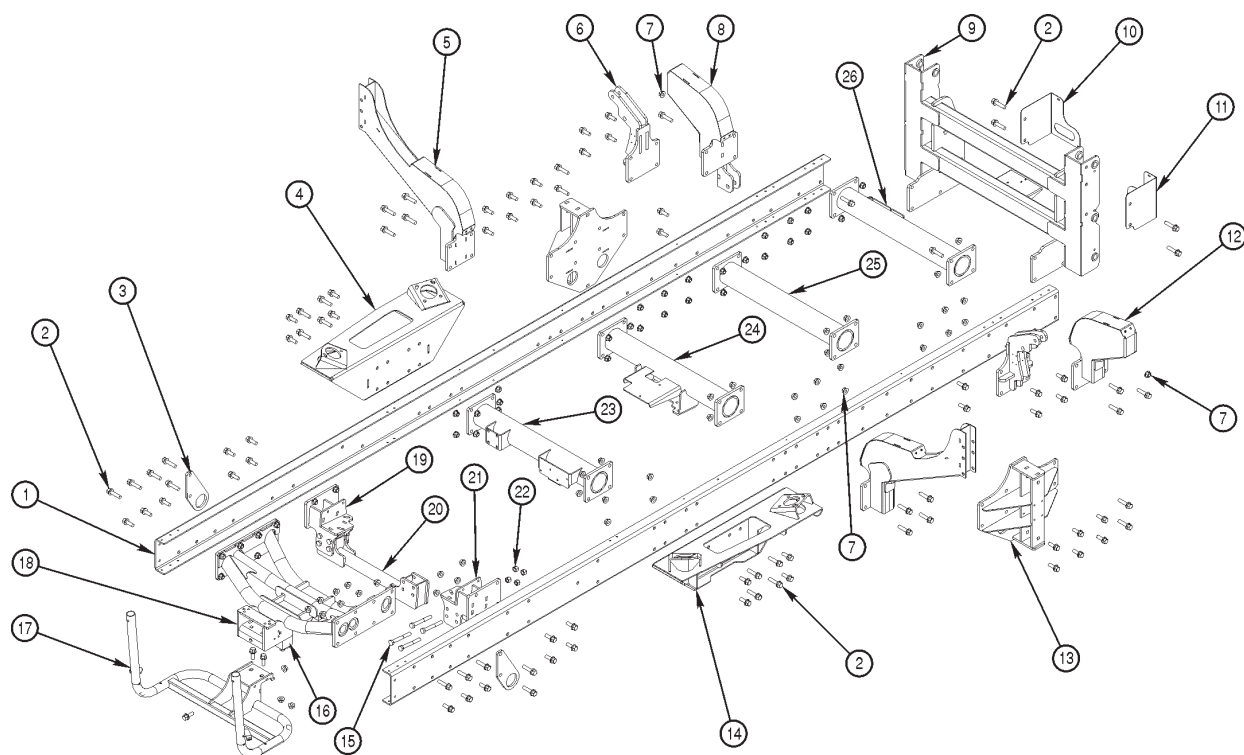
ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
200100034	Serpentine Belt	Cummins	3289963	All Models

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Frame Rails

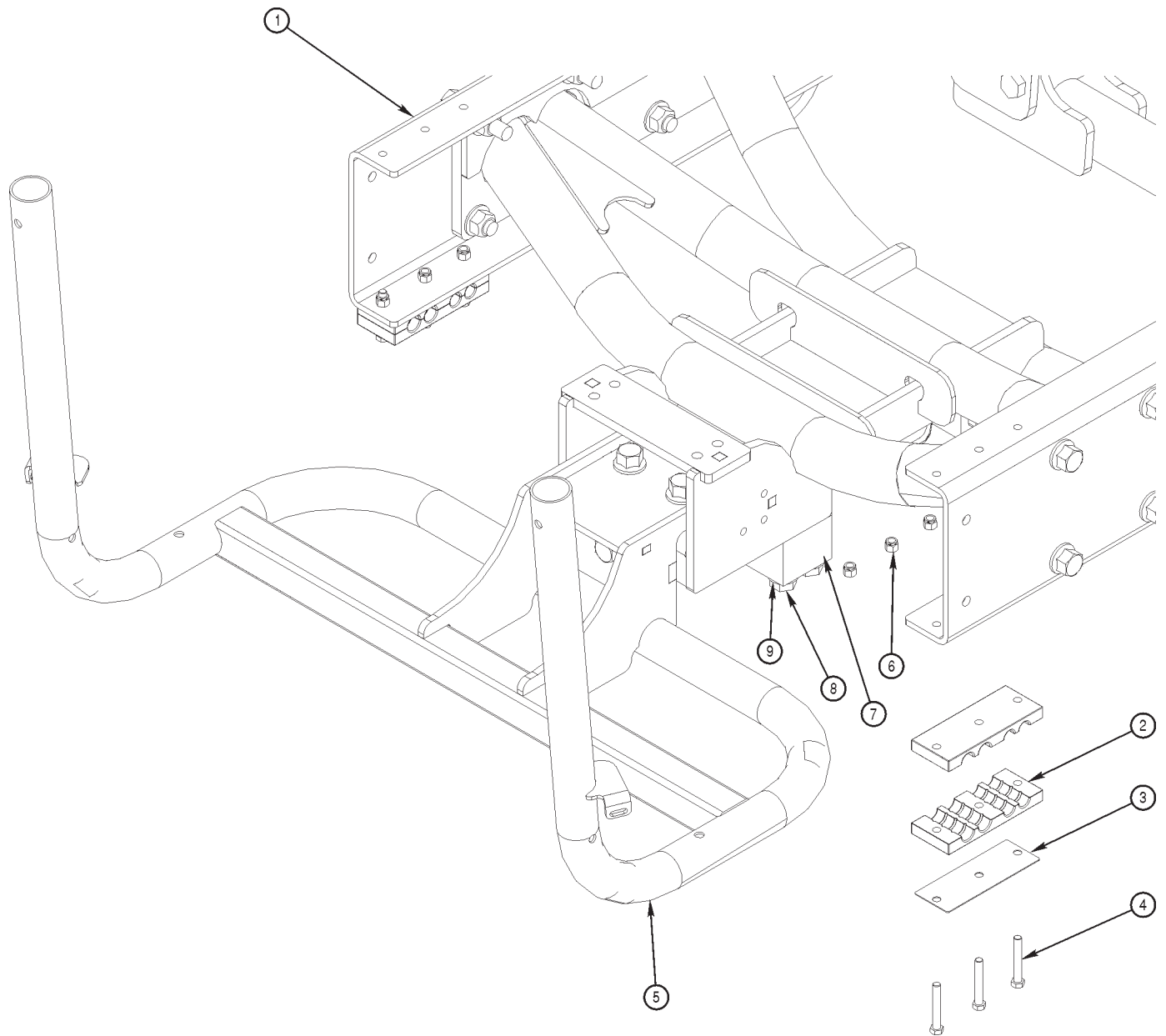
All Models



Item	Part Number	Qty	Description	Comments
1	100100030	2	Frame Rail 2011	
2	100100006	A/R	Bolt, 3/4-10 x 2" G8 Salt Bath	
2A	100100007	A/R	Bolt, 3/4-10 x 2 1/2" G8 Salt Bath	
2B	100100008	A/R	Bolt, 3/4-10 x 3" G8 Salt Bath	
2C	100100010	A/R	Bolt, 3/4-10 x 3 1/2" G8 Salt Bath	
3	100108005	2	Bracket, Tie Down	
4	100100661	1	Support, Right Cab	
5	601000053	2	Support, Boom Front Lower	
6	100108024	2	Suspension, Cylinder Bracket	
7	100100005	A/R	Nut, 3/4-10 G8 Salt Bath	
8	601000056	1	Support, Tank, Rear R/H	
9	601000060	1	Back Rack, 2011	
10	100108007	1	Cover, R/H Bracket Rear Frame	
11	100108008	1	Cover, L/H Bracket Rear Frame	
12	601000057	1	Support, Tank, Rear L/H	
13	100108023	2	Suspension, Torque Arm Bracket	
14	100100660	1	Support, Cab, Left	
15	900004013	8	Bolt, HHCS 3/4-10 x 6 G5 ZP	
16	100105239	2	Bearing, Carrier, Lower	Uses eight - 900011877 Bolts and eight - 902000100 Washers
17	201200145	1	Support Frame, Radiator	
18	100105238	1	Bolster, Engine	
19	100100108	1	Engine to Frame Mount R/H	
20	100100107	1	Cross Member, Engine Mount	
21	100100109	1	Engine to Frame Mount L/H	
22	901003074	8	Nut, Nylock 3/4-10	
23	100100104	1	Frame Cross Member, Front	
24	100100106	1	Frame Cross Member,Hydraulic Tank	
25	100100103	1	Frame Cross Member	
26	100100105	1	Frame Cross Member, Rear	

Hose Clamp

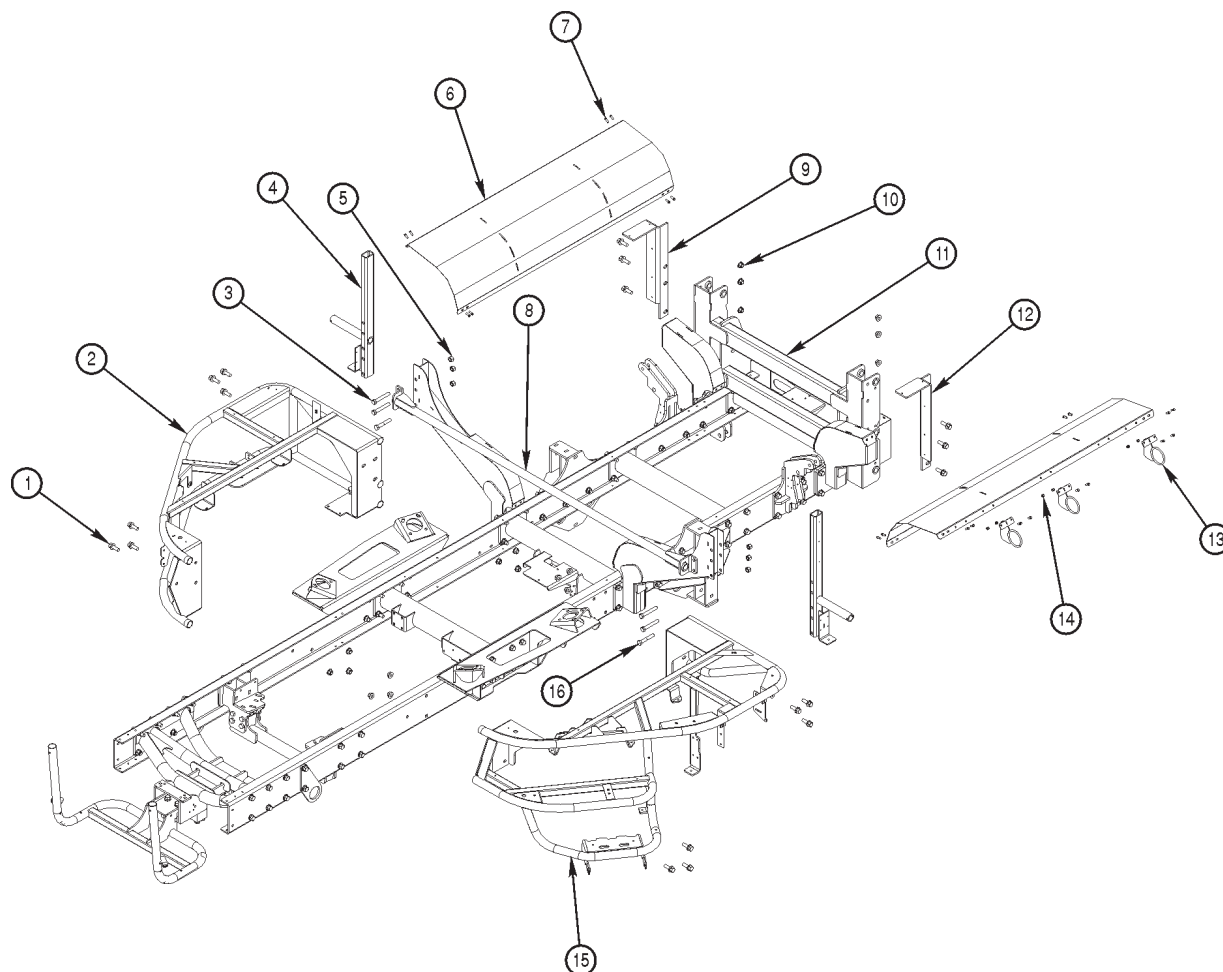
All Models



Item	Part Number	Qty	Description	Comments
1	100100030	2	Frame Rail	
2	890000002	4	Retainer, Hydraulic Hose, Frame	
3	890000003	2	Retainer Cap Plate, Hydraulic Hose	
4	900002855	6	Bolt, HHCS 3/8-16 x 2 1/2 G5 ZP	
5	201200145	1	Support Frame, Radiator	
6	901003020	6	Nut, Nylock 3/8-16 ZP	
7	100105239	2	Bearing, Carrier Lower	
8	900011877	8	Bolt, HHCS 3/4-16 x 4 1/2 G8 ZP	
9	902000100	8	Washer, Flat 3/4" G8	

Outriggers

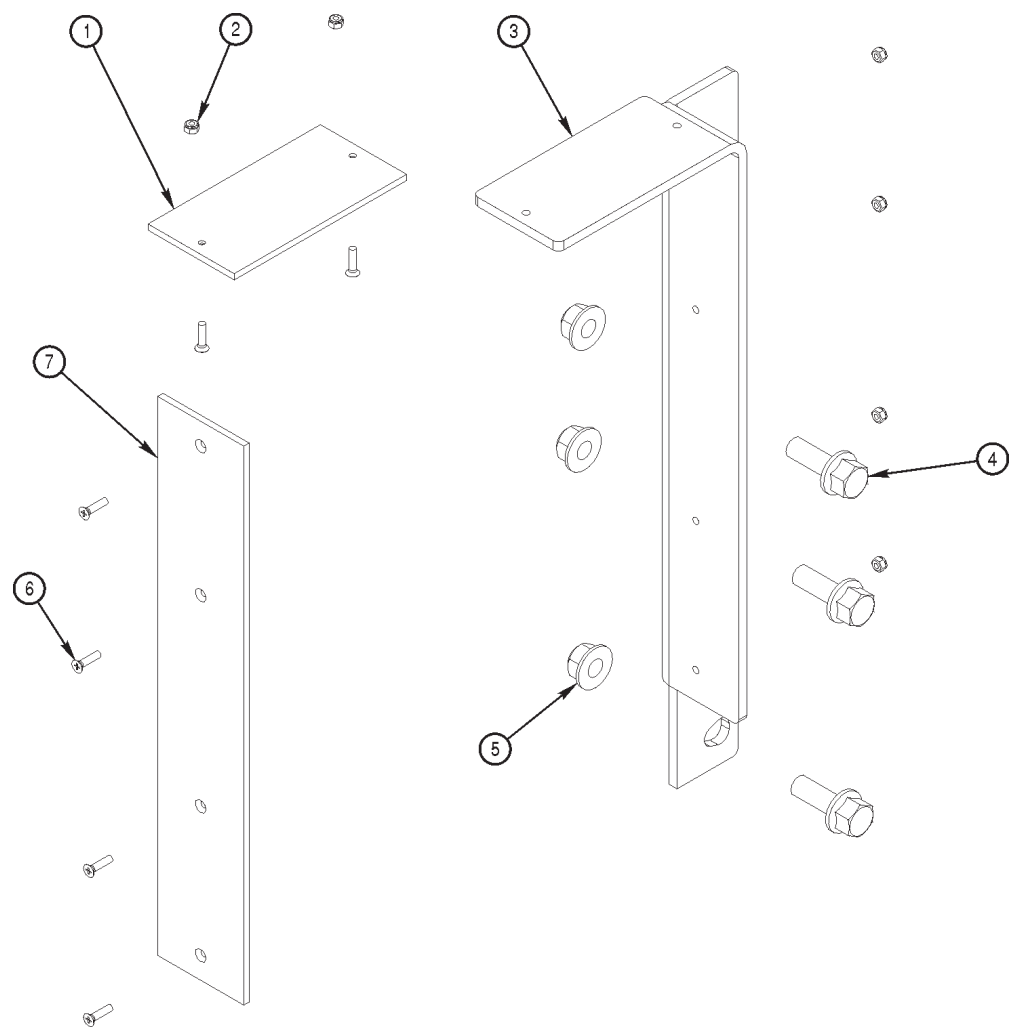
All Models



Item	Part Number	Qty	Description	Comments
1	100100006	A/R	Bolt, 3/4-10 x 2" G8 Salt Bath	
1A	100100007	A/R	Bolt, 3/4-10 x 2 1/2" G8 Salt Bath	
1B	100100008	A/R	Bolt, 3/4-10 x 3" G8 Salt Bath	
1C	100100010	A/R	Bolt, 3/4-10 x 3 1/2" G8 Salt Bath	
2	100100663	1	Outrigger Frame, R/H	
3	900006665	4	Bolt, HHCS 3/4-16 x 4 1/2 G5 ZP	
4	601000054	2	Support, Boom, Front Upper	
5	901003075	6	Nut, Nylock 3/4-16 ZP	
6	601000055	2	Support, Tank, Side	
7	900106537	32	Bolt, 3/8-16 x 1" Flanged Head Salt Bath	
8	601000061	1	Cross Bar, Product tank support	
9	601000058	1	Rinse Tank Hold Down, R/H	
10	100100005	A/R	Nut, 3/4-10 G8 Salt Bath	
11	601000060	1	Back Rack, 2011	
12	601000059	1	Rinse Tank Hold Down, L/H	
13	690000304	3	Retainer, Product hose	
14	901003020	6	Nut, Nylock 3/8-16 ZP	
15	100100662	1	Outrigger Frame, L/H	
16	900006675	2	Bolt, HHCS 3/4-16 x 5 G5 ZP	

Rinse Tank Hold Down Bracket

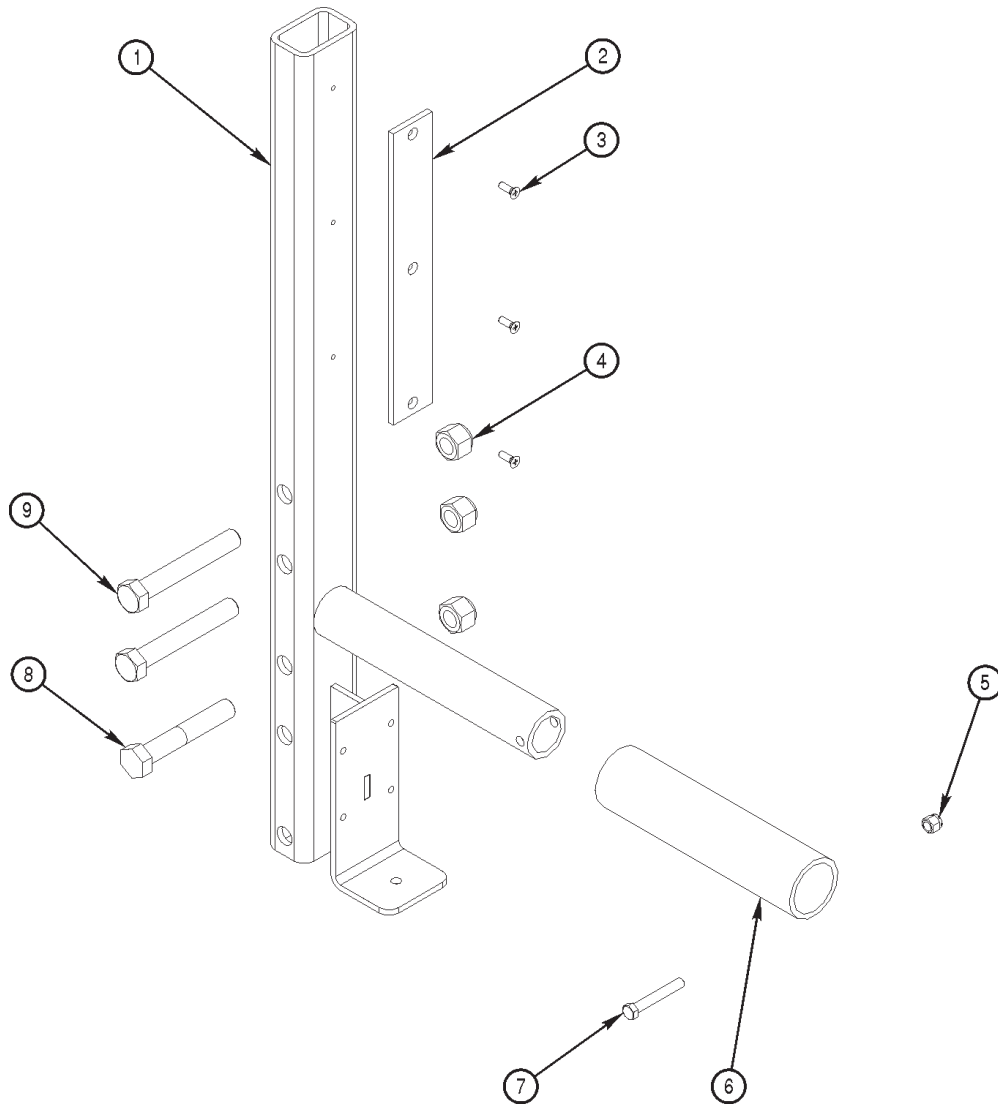
All Models



Item	Part Number	Qty	Description	Comments
1	690000025	2	UHMW, Flat, Rinse Hold Down Top	
2	901003000	12	Nut, Nylock 1/4-20 ZP	
3	601000058	1	Rinse Tank Hold Down, R/H	
3A	601000059	1	Rinse Tank Hold Down, L/H	
4	100100006	6	Bolt, 3/4-10 x 2 G8 Salt Bath	
5	100100005	6	Nut, 3/4-10 Salt Bath	
6	900000019	12	Screw, 1/4-20 x 1" PH Flat Head Machined	
7	690000024	2	UHMW, Flat, Rinse Hold Down Upright	

Boom Support

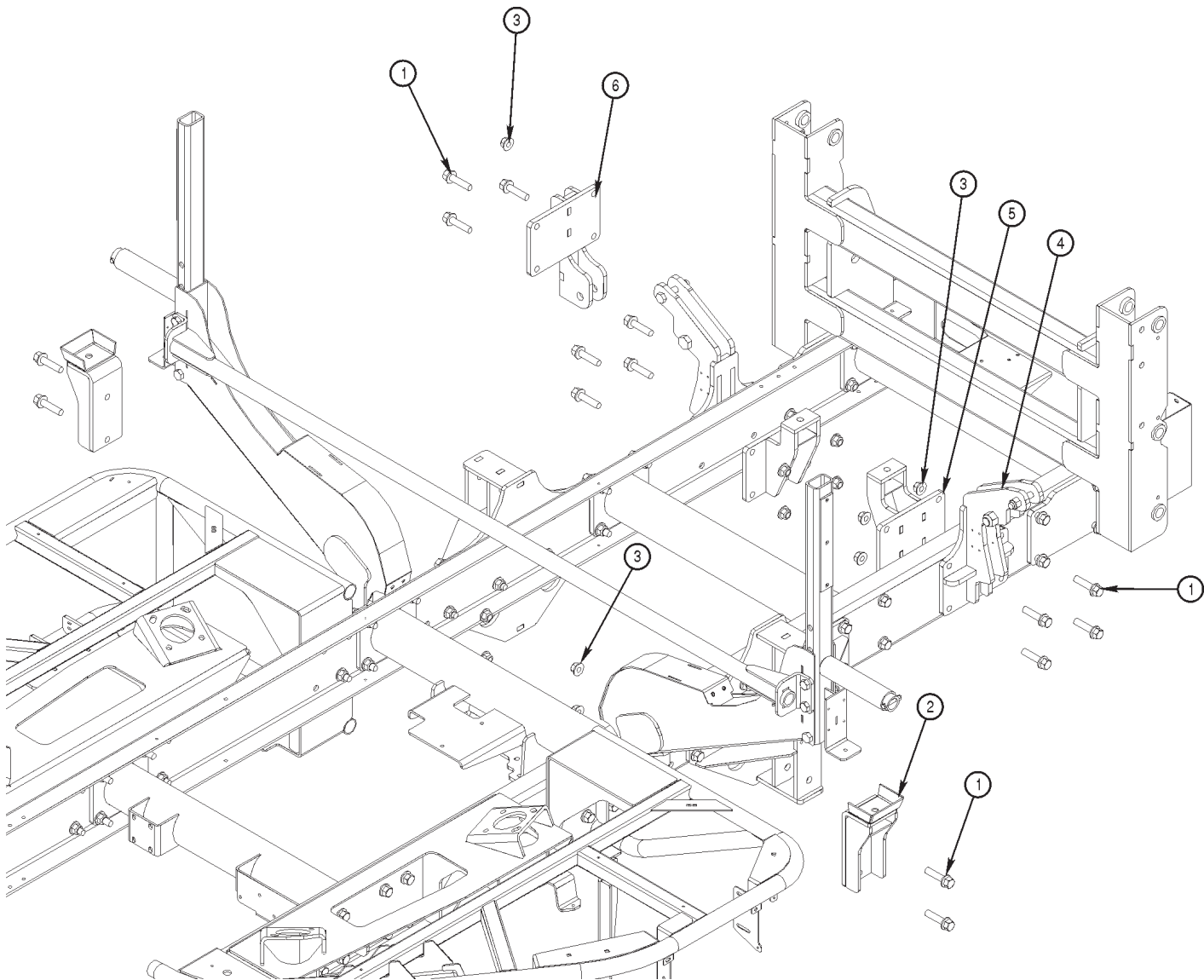
All Models



Item	Part Number	Qty	Description	Comments
1	601000054	2	Support, Boom, Front Upper	
2	690000023	2	UHMW, Flat, Front Boom Upper	
3	900000020	6	Screw, 1/4-20 x 3/4 PH Flat Head Machine	
4	901003075	6	Nut, Nylock 3/4-16 ZP	
5	901003020	2	Nut, Nylock 3/8-16 ZP	
6	690000022	2	UHMW, Round, Front Boom Upper	
7	900002855	2	Bolt, HHCS 3/8-16 x 2 1/2 G5 ZP	
8	900006675	2	Bolt, HHCS 3/4-16 x 5 G5 ZP	
9	900006665	4	Bolt, HHCS 3/4-16 x 4 1/2 G5 ZP	

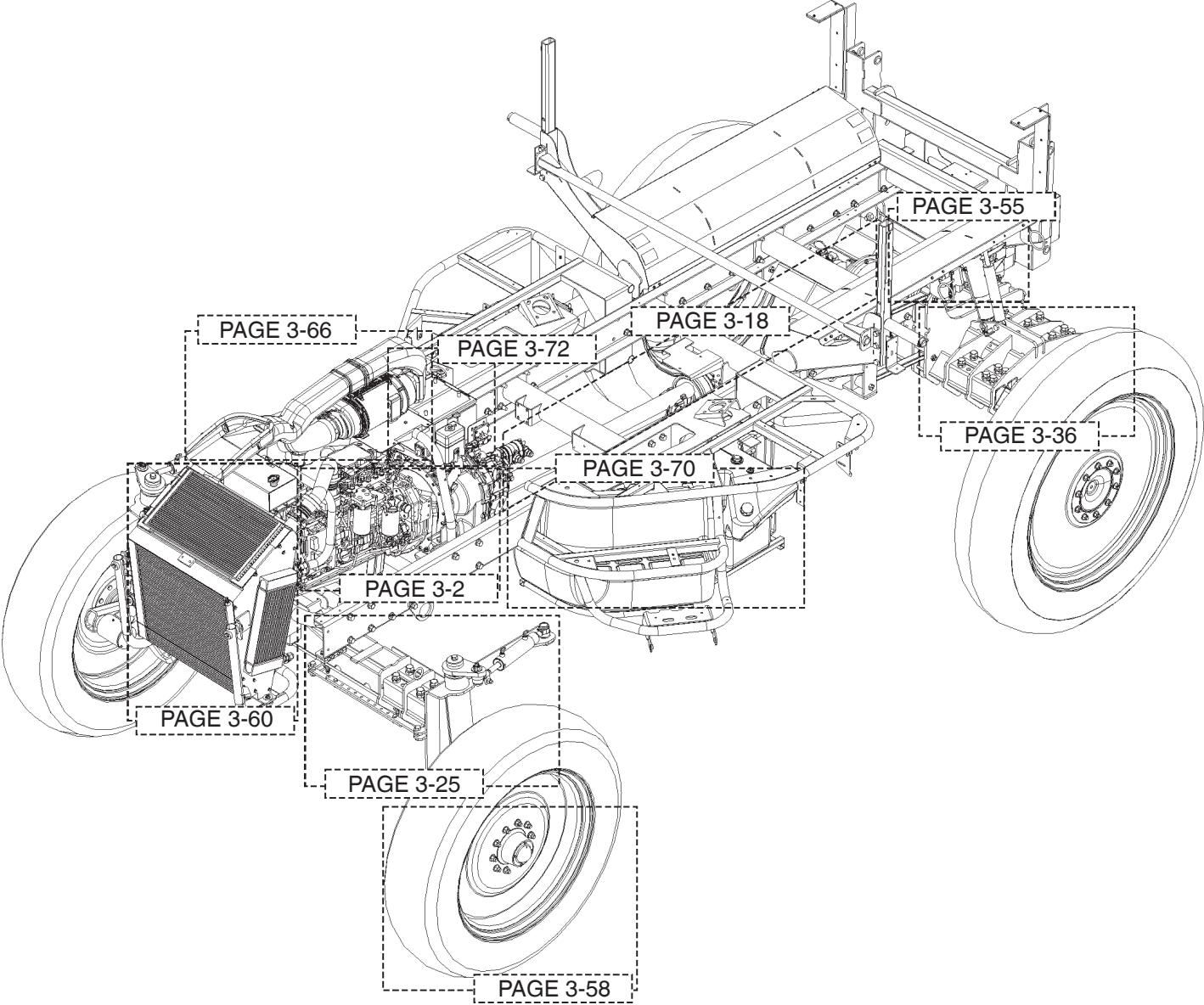
Stainless Steel Tank Support

All Models



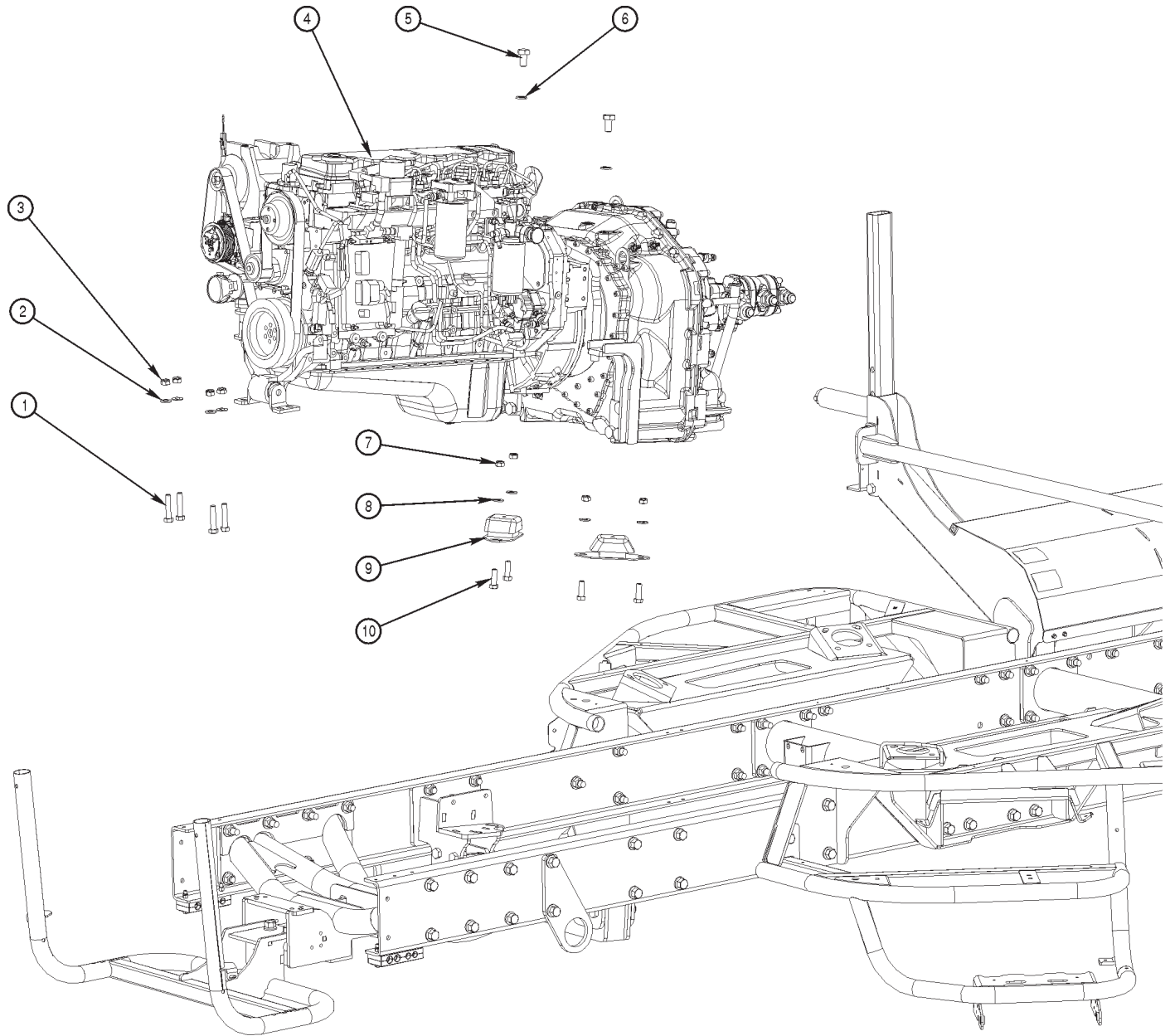
Item	Part Number	Qty	Description	Comments
1	100100010	A/R	Bolt, 3/4-10 x 3 1/2 Salt Bath	
2	601000062	2	Support, SS Tank, Front	
3	100100005	A/R	Nut, 3/4-10 Salt Bath	
4	100108024	2	Suspension, Cylinder Bracket	
5	601000063	2	Support, SS Tank, Rear	
6	100108072	1	Mount, Tracking Bar SS Tank	

Drivetrain
Section Overview
All Models



Engine Mounting

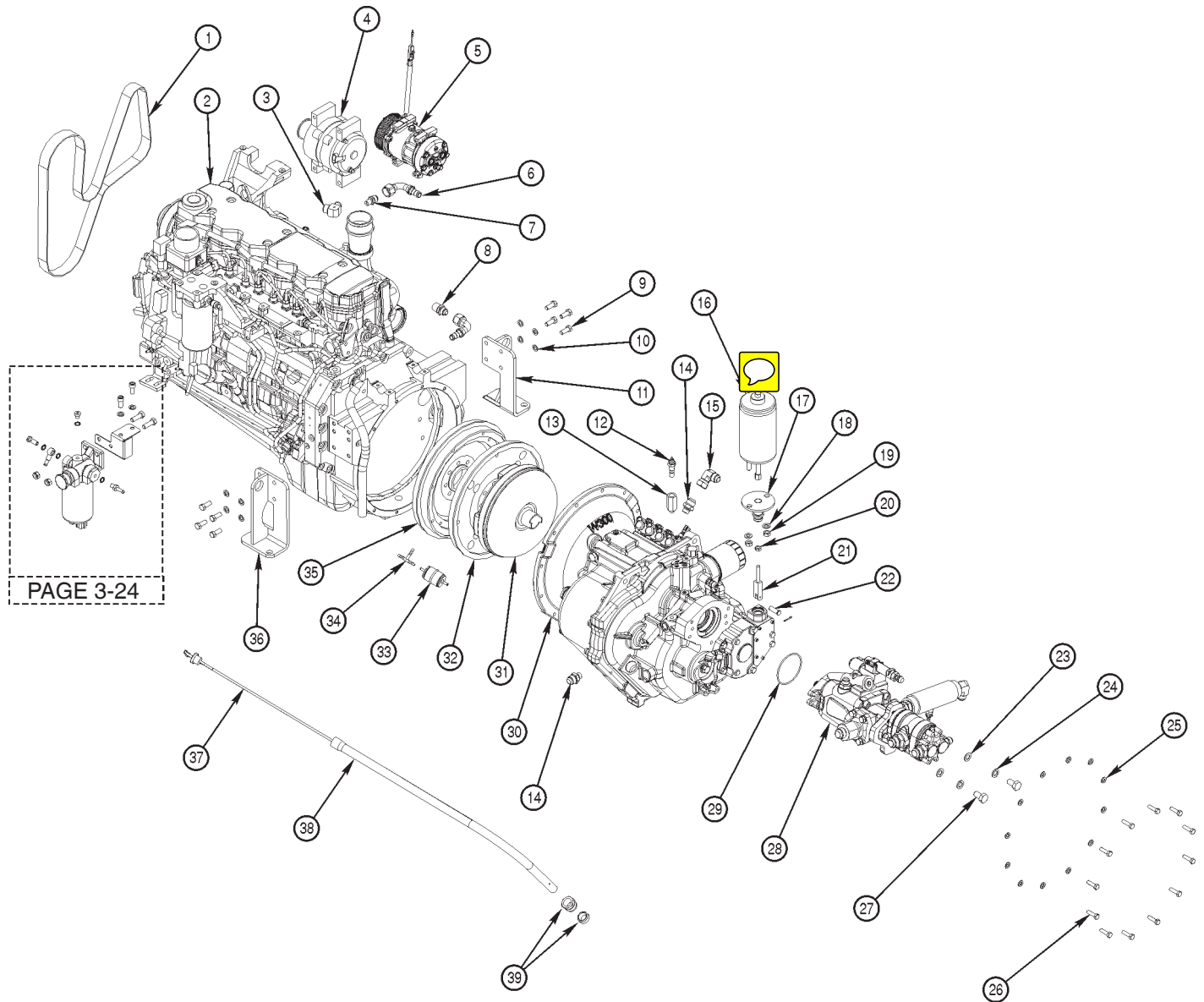
All Models



Item	Part Number	Qty	Description	Comments
1	900102332	4	Bolt, M12 x 1.75 x 45	
2	901100467	4	Washer, Flat M12	
3	901100466	4	Nut, Nylock M12 x 1.75 G10.9	
4A	200000001	1	Engine, Cummins QSB 6.7 160HP T III	AS720
4B	200000002	1	Engine, Cummins QSB 6.7 173HP T III	AS1020
4C	200000003	1	Engine, Cummins QSB 6.7 215HP T III	AS1220
5	900100801	2	Bolt, HHCS M16 x 2.0 x 50	
6	902003046	2	Washer, Lock M16	
7	901003040	4	Nut, Nylock 1/2-13 ZP	
8	902003055	4	Washer, Flat 1/2"	
9	290001000	2	Mount, Vibration Control	
10	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	

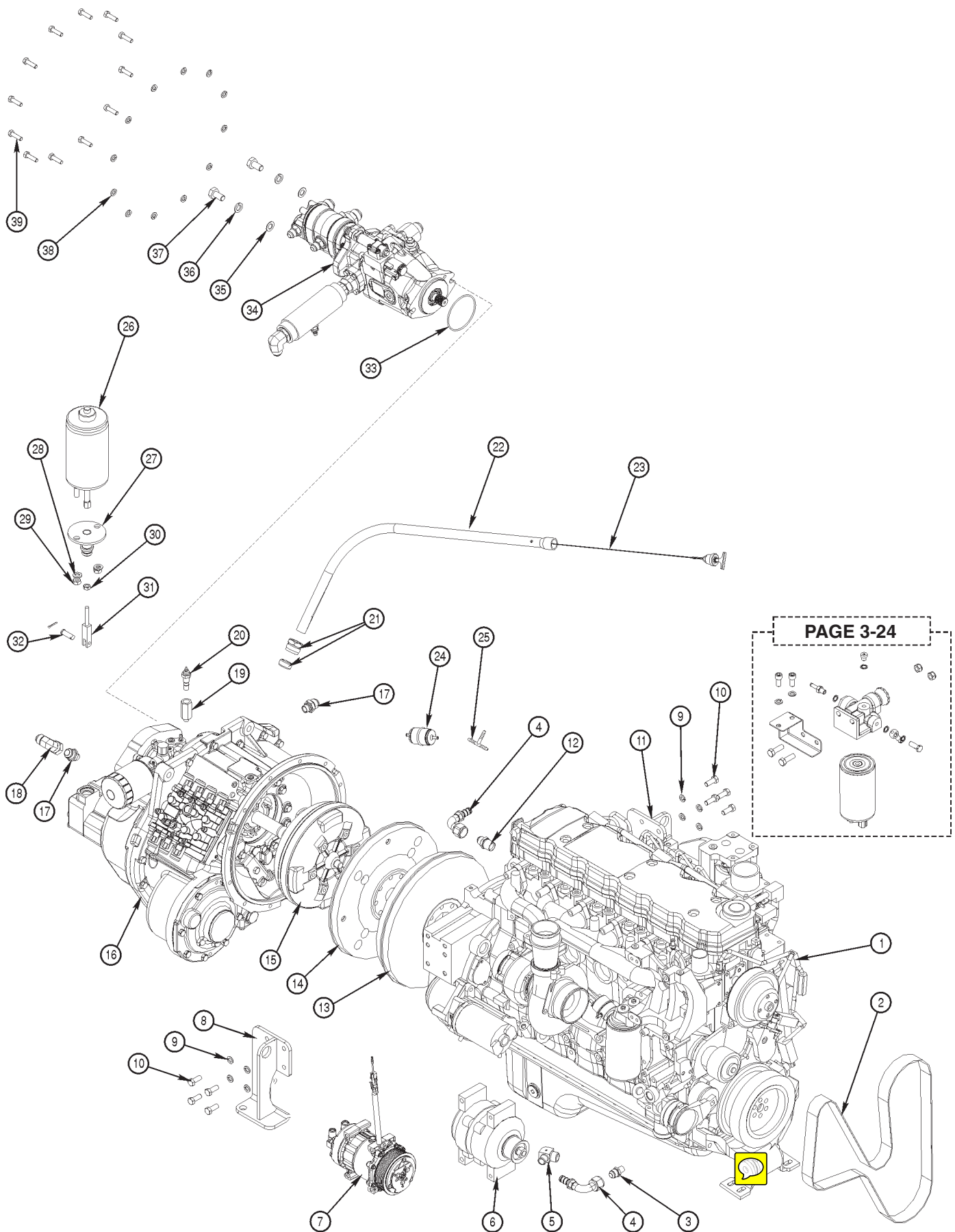
Engine and PowerShift Transmission

AS720



Item	Part Number	Qty	Description	Comments
1	200100034	1	Belt, Serpentine QSB 6.7	
2	200000001	1	Engine, Cummins QSB 160HP T III	AS720
3	800302220	1	Fitting, 12 PM x 12 HB 90	
4	420100006	1	Compressor, A/C	3.25 lbs of R134A
5	201450509	1	Alternator	
6	800302221	2	Fitting, 10 FLF x 10 HB 90	
7	800302218	1	Fitting, 10 FLM x 8 PM	
8	800302219	1	Fitting, 10 FLM x 12 PM	
9	900102334	8	Bolt, HHCS M12 x 1.75 x 35	
10	902003047	8	Washer, Lock M12	
11	290000899	1	Mount,Cummins Rear R/H	
12	390001200	1	Sender Unit, Transmission Oil Temp	230 Degree
13	800302204	1	Fitting, Transmission Temperature Sensor	
14	800302453	2	Fitting, 12 FLM x 8 BSPM	
15	800403625	1	Fitting, 12 FLM x 12 FLF 90	
16	350000351	1	Parking Brake Can	Spring applied - Hydraulic Release
17	390000514	1	Bracket, Sahr Can	
18	902003047	2	Washer, Lock M12	
19	901100466	2	Nut, M12 x 1.75	
20	901100460	1	Nut, Jam M10 x 1.50	
21	390000515	1	Clevis, Parking Brake Can	
22	900109000	1	Bolt, Shoulder, SHSB 5/16 x 3/4	
23	901100467	2	Washer, Flat M12	
24	902003047	2	Washer, Lock M12	
25	902100100	12	Washer, Lock M10	
26	900100003	12	Bolt, HHCS M10 x 1.50 x 40	
27	900102334	2	Bolt, HHCS M12 x 1.75 x 35	
28	860000035	1	Pump, Assembly PS764	Piston Pump P/N 860000029. Tandem Gear Pump P/N 860000037.
29	350000315	1	O-ring	
30	350000255	1	Transmission, ITL PS 764	
31	301010011	1	Torque Converter, PS 764	
32	301010105	1	Flex Plate	
33	201450280	1	Filter, In line	Used on trans vent
34	290000002	1	Fitting, Tee 1/4" HB	
35	200100078	1	Flywheel	
36	290000898	1	Mount,Cummins Rear L/H	
37	300000023	1	Dipstick, Transmission PS 764	
38	300000014	1	Tube, Dipstick	
39	300000012	1	Lock Nut and Seal for dipstick Tube	
	201450102		Assembly, Filter Head	Complete Assembly, Includes fuel filter.
	201450103		Housing, Cummins Fuel Filter	Must order adapter P/N 290000932 for filter to thread on
	201450290		In Line Fuel Filter	All Models
	700000455		Harness, Cummins Cold Start	

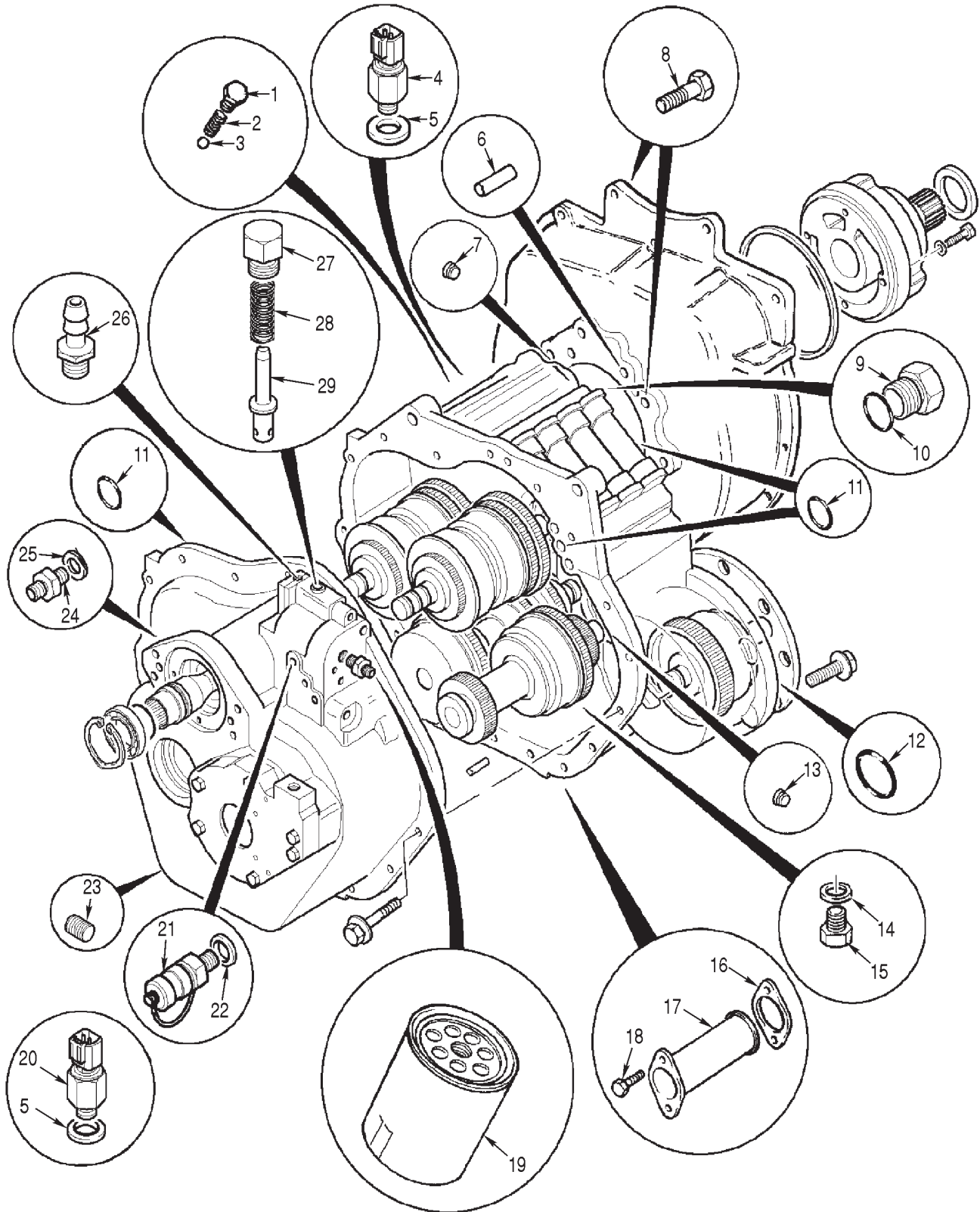




Item	Part Number	Qty	Description	Comments
1	200000001	1	Engine, Cummins QSB 160HP T III	AS720
2	200100034	1	Belt, Serpentine QSB 6.7	
3	800302218	1	Fitting, 10 FLM x 8 PM	
4	800302221	2	Fitting, 10 FLF x 10 HB 90	
5	800302220	1	Fitting, 12 PM x 12 BARB 90	
6	201450509	1	Alternator	
7	420100006	1	Compressor, A/C	3.25 lbs of R134A
8	290000899	1	Mount, Cummins Rear R/H	
9	902003047	8	Washer, Lock M12	
10	900102334	8	Bolt, HHCS M12 x 1.75 x 35	
11	290000898	1	Mount, Cummins Rear L/H	
12	800302219	1	Fitting, 10 FLM x 12 PM	
13	200100078	1	Flywheel	
14	301010105	1	Flex Plate	
15	301010011	1	Torque Converter, PS 764	
16	350000255	1	Transmission, ITL PS 764	
17	800302453	2	Fitting, 12 FLM x 8 BSPM	
18	800403625	1	Fitting, 12 FLM x 12 FLF 90	
19	800302204	1	Fitting, Trans Temp Sensor	
20	390001200	1	Sender Unit, Transmission Oil Temp	230 Degree
21	300000012	1	Lock Nut and Seal for dipstick Tube	
22	300000014	1	Tube, Dipstick	
23	300000023	1	Dipstick, Transmission PS 764	
24	201450280	1	Filter, In line	Used on Trans vent
25	290000002	1	Fitting, Tee 1/4" HB	
26	350000351	1	Parking Brake Can	Spring applied - Hydraulic Release
27	390000514	1	Bracket, Sahr Can	
28	902003047	2	Washer, Lock M12	
29	901100466	2	Nut, M12 x 1.75 Grade 10.9	
30	901100460	1	Nut, Jam M10 x 1.50	
31	390000515	1	Clevis, Parking Brake Can	
32	900109000	1	Bolt, Shoulder, SHSB 5/16 x 3/4	
33	350000315	1	O-ring	
34	860000035	1	Pump, Assembly PS764	Piston Pump P/N 860000029. Tandem Gear Pump P/N 860000037.
35	901100467	2	Washer, Flat M12	
36	902003047	2	Washer, Lock M12	
37	900102334	2	Bolt, HHCS M12 x 1.75 x 35	
38	902100100	12	Washer, Lock M10	
39	900100003	12	Bolt, HHCS M10 x 1.50 x 40	
	201450102		Assembly, Filter Head	Complete Assembly, Includes fuel filter.
	201450103		Housing, Cummins Fuel Filter	Must order adapter P/N 290000932 for filter to thread on
	201450290	1	In Line Fuel Filter	All Models
	700000455	1	Harness, Cummins Cold Start	

PowerShift Transmission

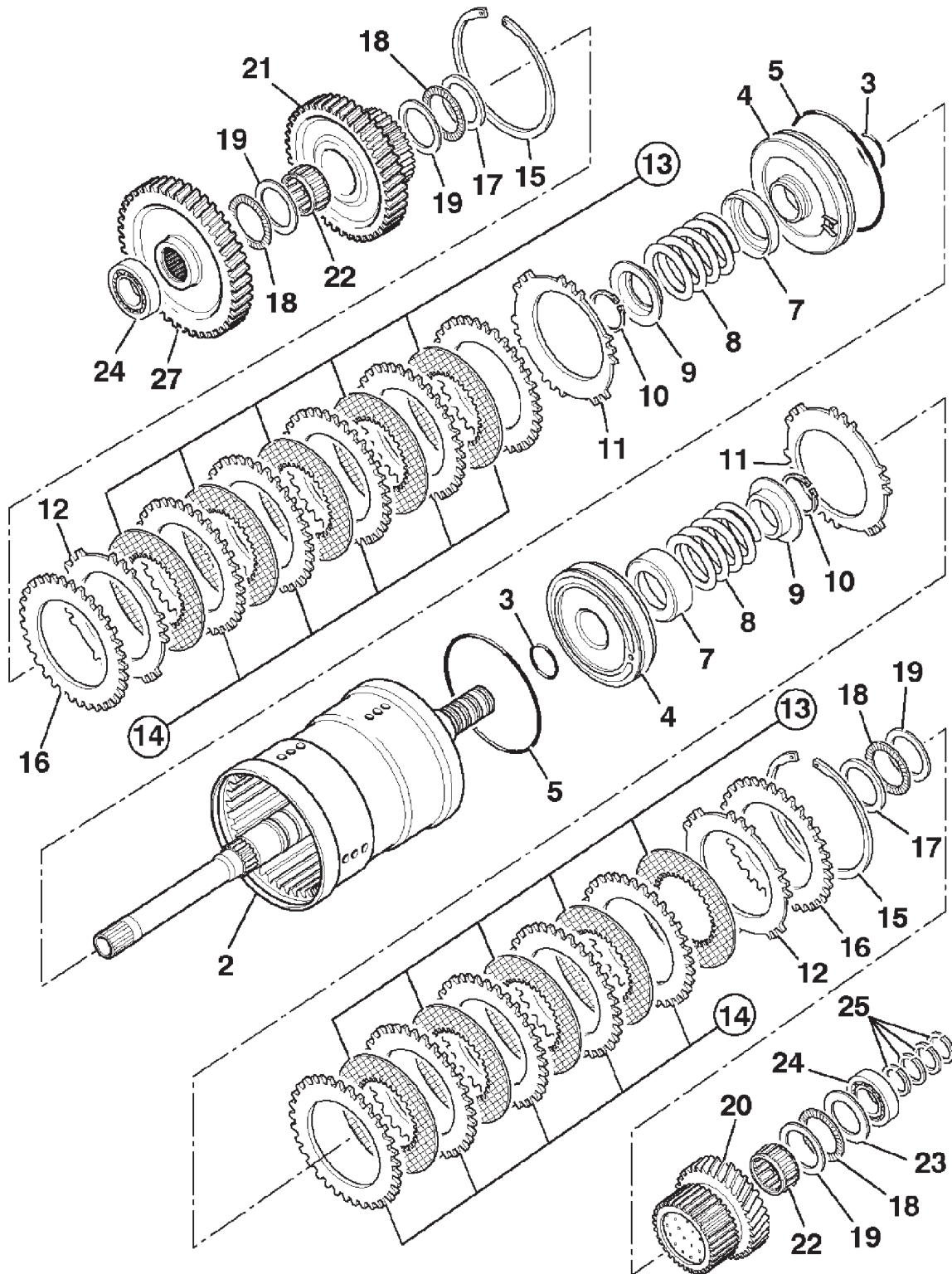
AS720



Item	Part Number	Qty	Description	Comments
1	990000069	1	Plug, Trans Low Pressure	
2	990000066	1	Spring	
3	300000750	1	Poppet	
4	300000757	1	Switch, Oil Pressure	
5	320000001	3	Seal, Bonded	
6	300000310	6	Dowel Pin, Case	
7	300500012	4	Plug, 3/8" Tapered	
8	300000755	A/R	Bolt, M10 x 55 long	
9	300000749	1	Plug, PS764	
10	300500019	1	Washer, Seal	
11	300000754	1	O-ring	
12	300000759	1	O-ring	
13	300000485	16	Plug, 1/8" Tapered	
14	301200240	2	Seal, Bonded 3/4" BSP	
15	301200235	2	Plug, Filler	
16	300000430	1	Gasket, Suction Strainer	
17	300000095	1	Strainer, Suction	
18	300000392	2	Screw, M8 x 16	
19	300000101	1	Filter, Transmission	
20	300000760	1	Switch, Oil Temperature	1/4" BSP
21	300000405	1	Adapter, Pressure Test	1/4" BSP male
22	300500019	1	Washer, Seal	
23	300000756	2	Plug, Taper 1/4" BSP	
24	300000060	2	Adapter, 5/8" x 1/2" MM	
25	300000055	4	Seal, Bonded 1/2" BSP	
26	300000750	1	Adapter	
27	300000715	1	Plug, PMV	
28	300000714	1	Spring, Solenoid PMV	
29	300000713	1	Spool, PMV	

PowerShift Clutch

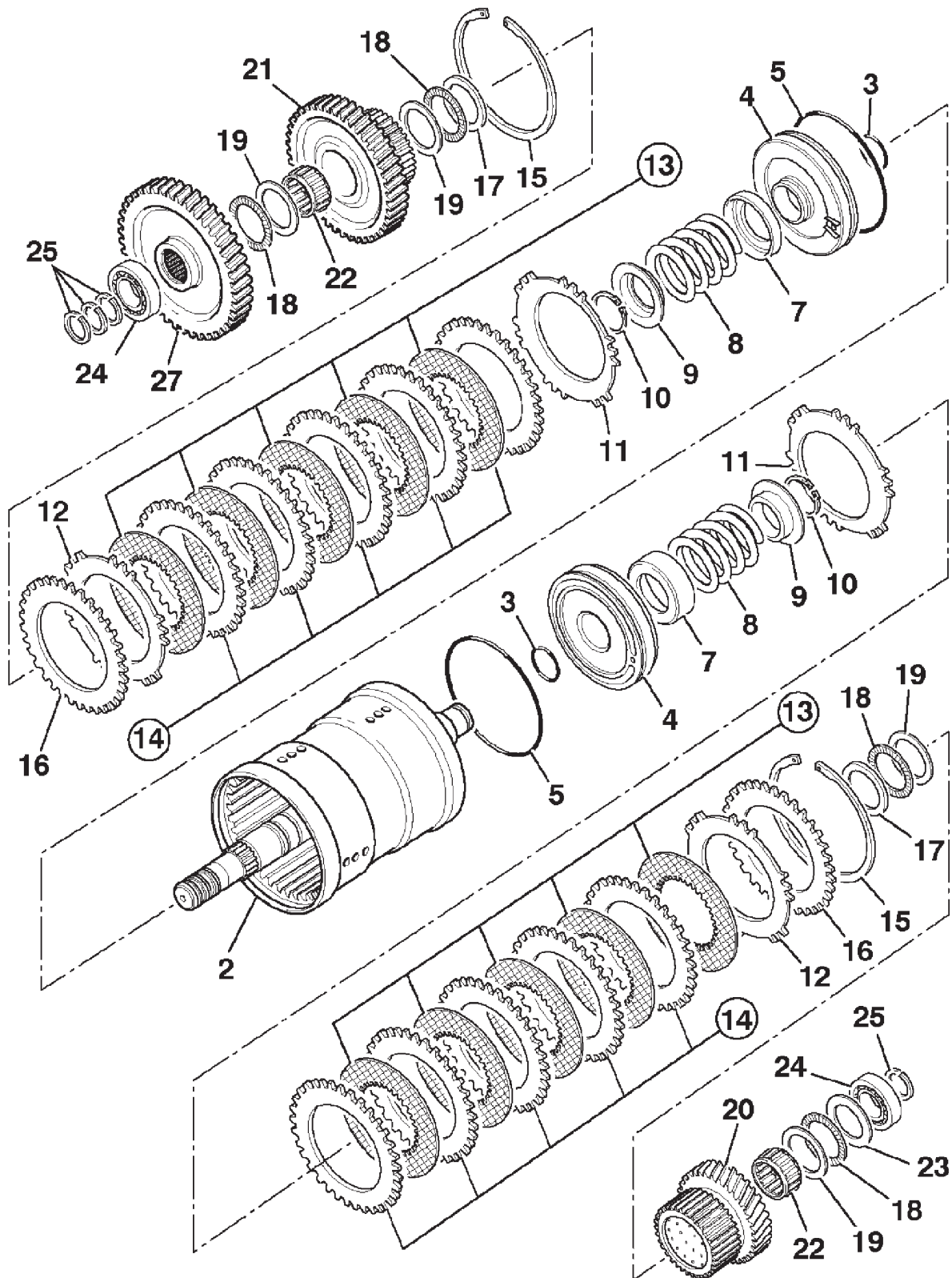
AS720



Item	Part Number	Qty	Description	Comments
1	300000742	1	Clutch, Input Assembly	
2	300000761	1	Housing, Input clutch	
3	300000664	2	O-ring	
4	300000762	2	Piston	
5	300000630	2	O-ring	
7	300000631	2	Plate, Oil Baffle	
8	300500010	2	Spring	
9	300000662	2	Washer, Spring Retainer	
10	300000663	2	Circlip, External	
11	300000632	2	Disc, Spring Spline	
12	300000633	A/R	Plate, Pressure Clutch 6.0 mm	
12A	300000634	A/R	Plate, Pressure Clutch 6.5 mm	
13	300000635	10	Plate, Friction Clutch	
14	300000636	10	Plate, Counter Clutch	
15	300000637	2	Circlip, Internal	
16	300000638	A/R	Plate, Shim clutch 1.2 mm	
17	300000659	2	Washer, Thrust	
18	300000660	4	Bearing, Needle Thrust	
19	300000666	4	Washer, Thrust bevelled	
20	300000763	1	Housing, Input Gear 28 tooth	
21	300000764	1	Housing, Input Gear 41 tooth	
22	300000765	2	Bearing, Needle Roller	
23	300000658	2	Washer, Thrust	
24	300000653	2	Bearing, 50 x 80 x 20	
25	300000665	4	Seal, Ring	
27	300000766	1	Gear, Input 44 tooth	

PowerShift Reverse Clutch

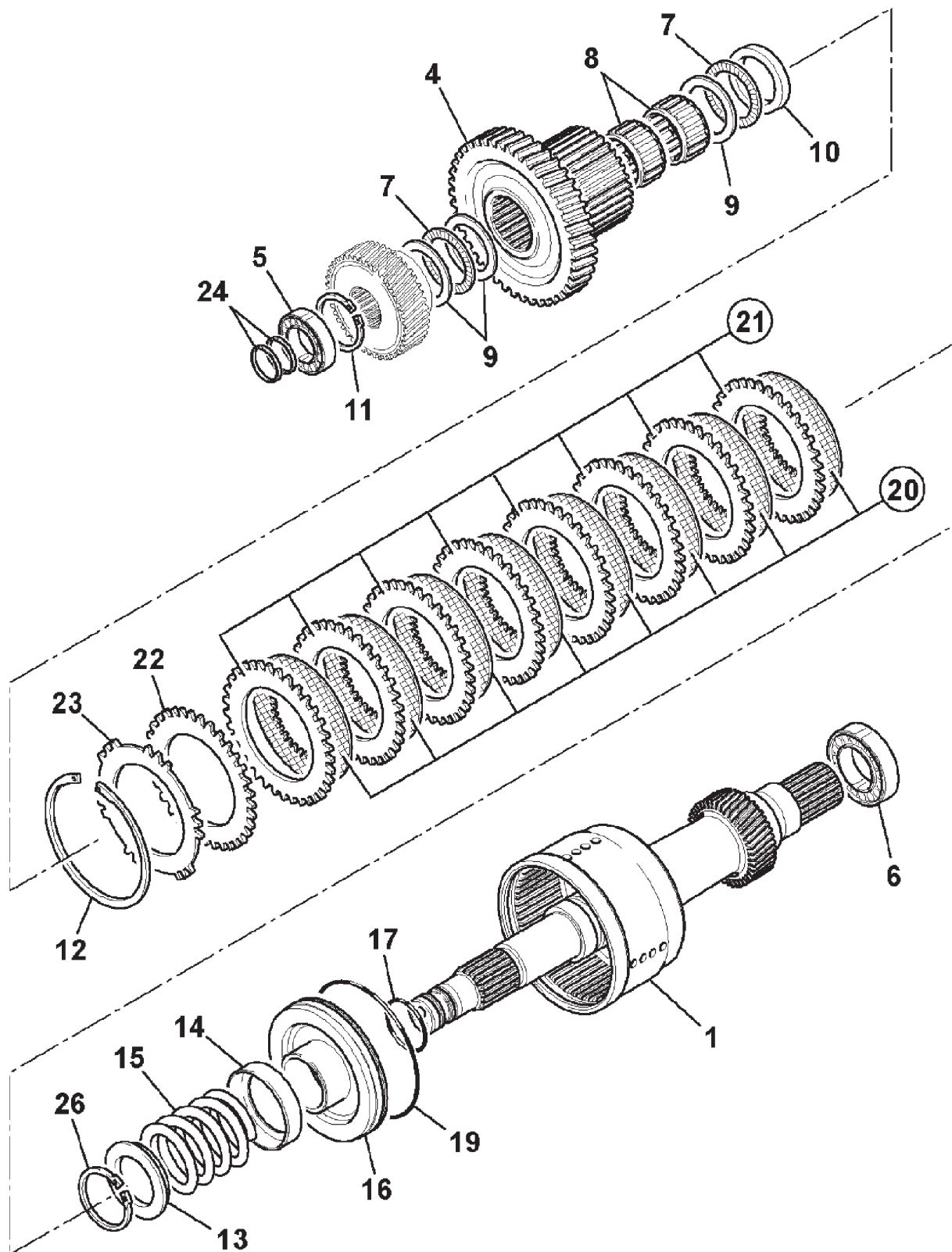
AS720



Item	Part Number	Qty	Description	Comments
1	300000743	1	Clutch, Reverse Assembly	
2	300000628	1	Housing, Reverser Clutch	
3	300000535	2	O-ring	
4	300000629	2	Piston, Clutch	
5	300000630	2	O-ring	
7	300000631	2	Plate, Oil Baffle	
8	300500010	2	Spring	
9	300500011	2	Spring, Retaining	
10	300500013	2	Circlip	
11	300000632	2	Disc, Spring Spline	
12	300000633	A/R	Plate, Pressure Clutch 6.0 mm	
12A	300000634	A/R	Plate, Pressure Clutch 6.5 mm	
13	300000635	10	Plate, Friction Clutch	
14	300000636	10	Plate, Counter Clutch	
15	300000637	2	Circlip, Internal	
16	300000638	A/R	Plate, Shim Clutch 1.2 mm	
17	300000245	2	Washer, Thrust	
18	300500031	4	Bearing, Thrust	
19	300500032	4	Washer, Thrust	
20	300000639	1	Housing, Plate Carrier 28 tooth	
21	300000640	1	Housing, Plate Carrier 41 tooth	
22	300000605	2	Bearing	
23	300000641	1	Washer, Thrust	
24	300000643	2	Bearing, Taper Roll 35 x 65 x 18	
25	300000545	4	Seal, Ring	
27	300000642	1	Gear, Reverser 44 tooth	

PowerShift Layshaft

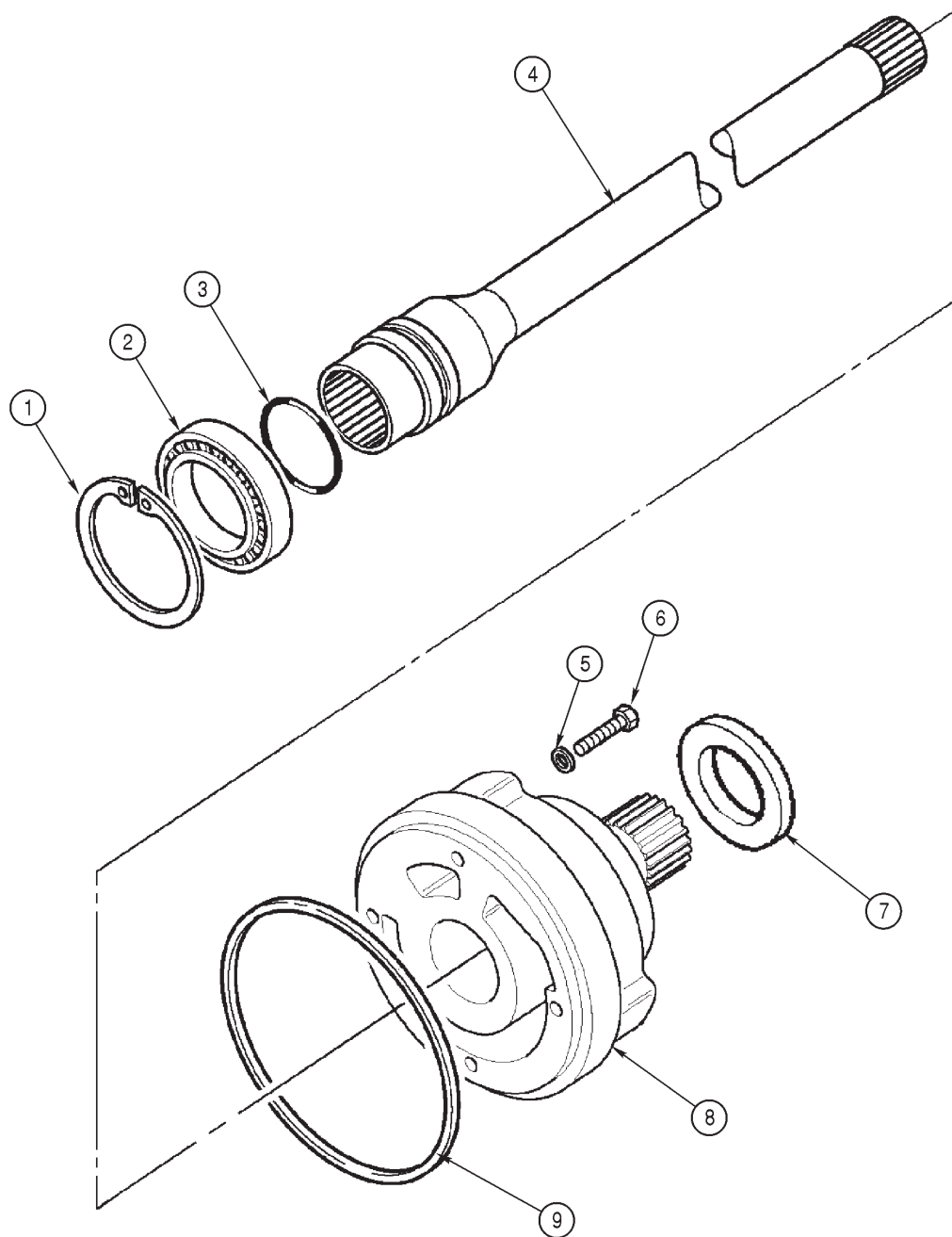
AS720



Item	Part Number	Qty	Description	Comments
	3000007454	1	Clutch, Layshaft	
1	300000776	1	Housing, Layshaft	
4	300000777	1	Gear, and Plate Carrier	
5	300000672	1	Bearing, 40 x 80 x 24.75	
6	300000685	1	Bearing, 50 x 84 x 22	
7	300500060	2	Bearing, Needle 70 x 50 x 3 mm	
8	300000660	1	Bearing, Needle Roller	
9	300000686	4	Washer, Thrust bevelled	
10	300000687	1	Kit, Thrust Washer	
11	300000688	1	Circlip, External	
12	300000637	1	Circlip, Internal	
13	300000662	1	Washer, Spring Retainer	
14	300000631	1	Plate, Oil Baffle	
15	300500010	1	Spring	
16	300000762	1	Piston	
17	300000630	1	O-ring	
19	300000664	1	O-ring	
20	300000635	8	Plate, Friction Clutch	
21	300000636	8	Plate, Counter Clutch	
22	300000633	A/R	Plate, Pressure Clutch 6.0 mm	
23	300000638	A/R	Plate, Shim Clutch 1.2 mm	
24	300000545	2	Seal, Ring	
26	300000663	1	Circlip, External	

PowerShift Pump Drive Shaft

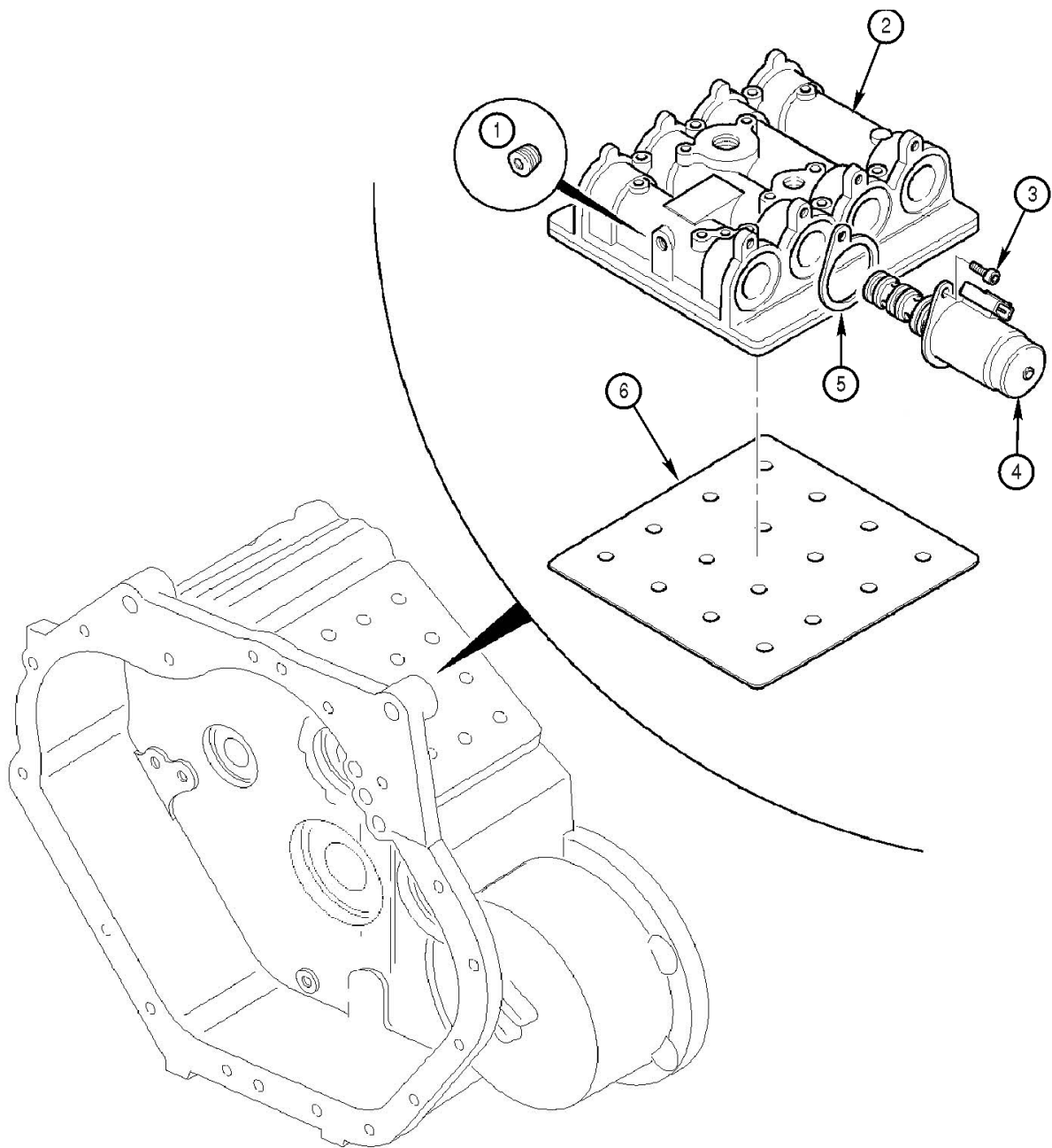
AS720



Item	Part Number	Qty	Description	Comments
1	300000711	1	Circlip	
2	300000710	1	Bearing, Ball	
3	300000665	1	Seal, Ring	
4	300000709	1	Shaft, Pump Drive 588.6 mm long	
5	300000396	4	Washer, copper	
6	300500039	4	Bolt, M8 x 45	
7	320000002	1	Seal, Transmission Pump	
8	320000003	1	Pump Assembly, Transmission	Oil pump
9	300000435	1	Seal, Rear	

PowerShift Valve Body Assembly

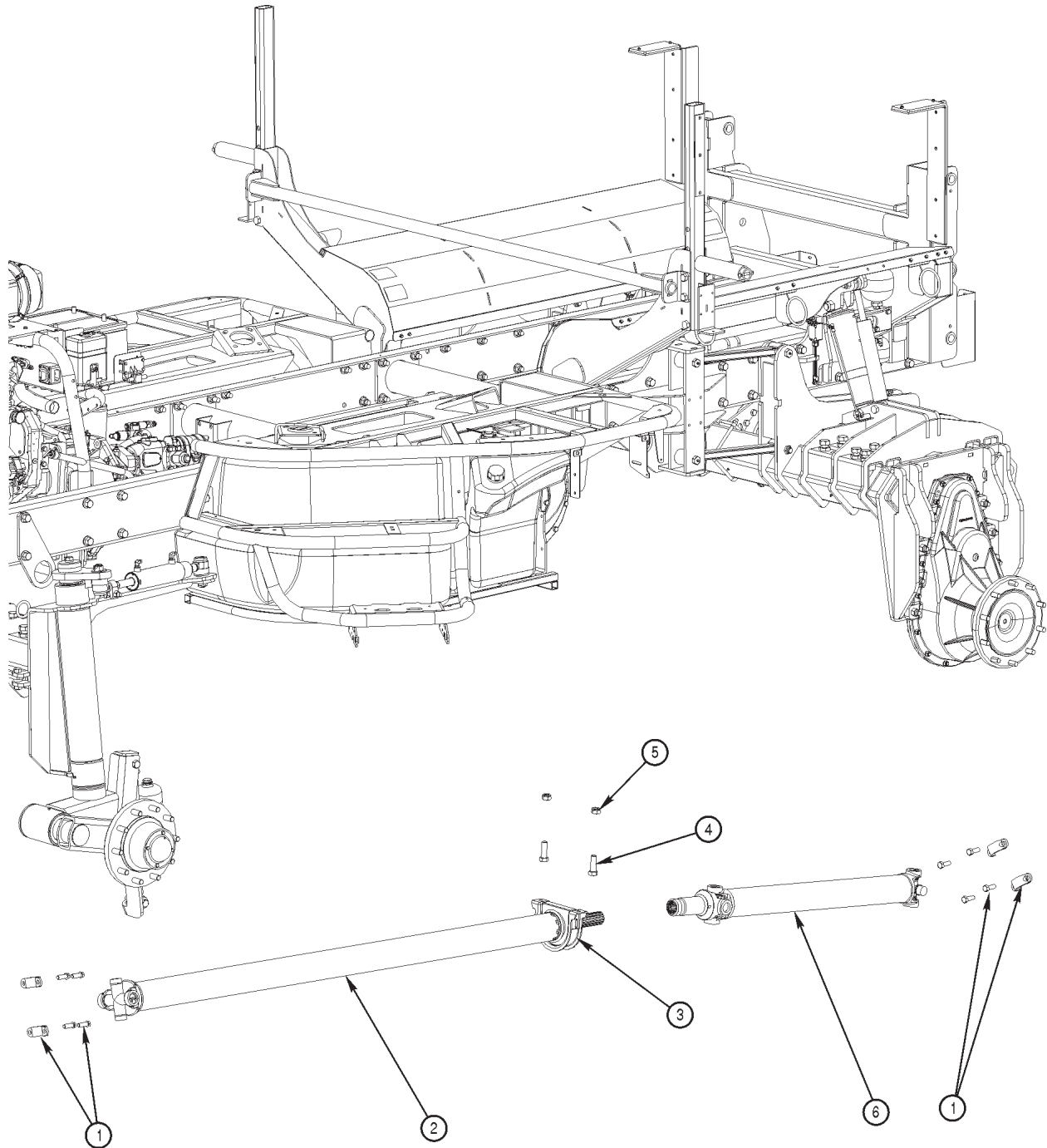
AS720



Item	Part Number.	Qty	Description	Comments
1	300500012	1	Plug, 3/8" Tapered	
2	300000805	1	Valve Assembly, 4 Speed	Newer style valve block.
3	300000816	16	Capscrew, M5 x 10	Used with newer style valve block.
4	300000815	7	Valve, Solenoid Assembly	Used with newer style valve block.
5	300000768	7	Plate, Hold down	
6	300000811	1	Gasket, Valve Block	Used with newer style valve block. Can be used with both style valve blocks.

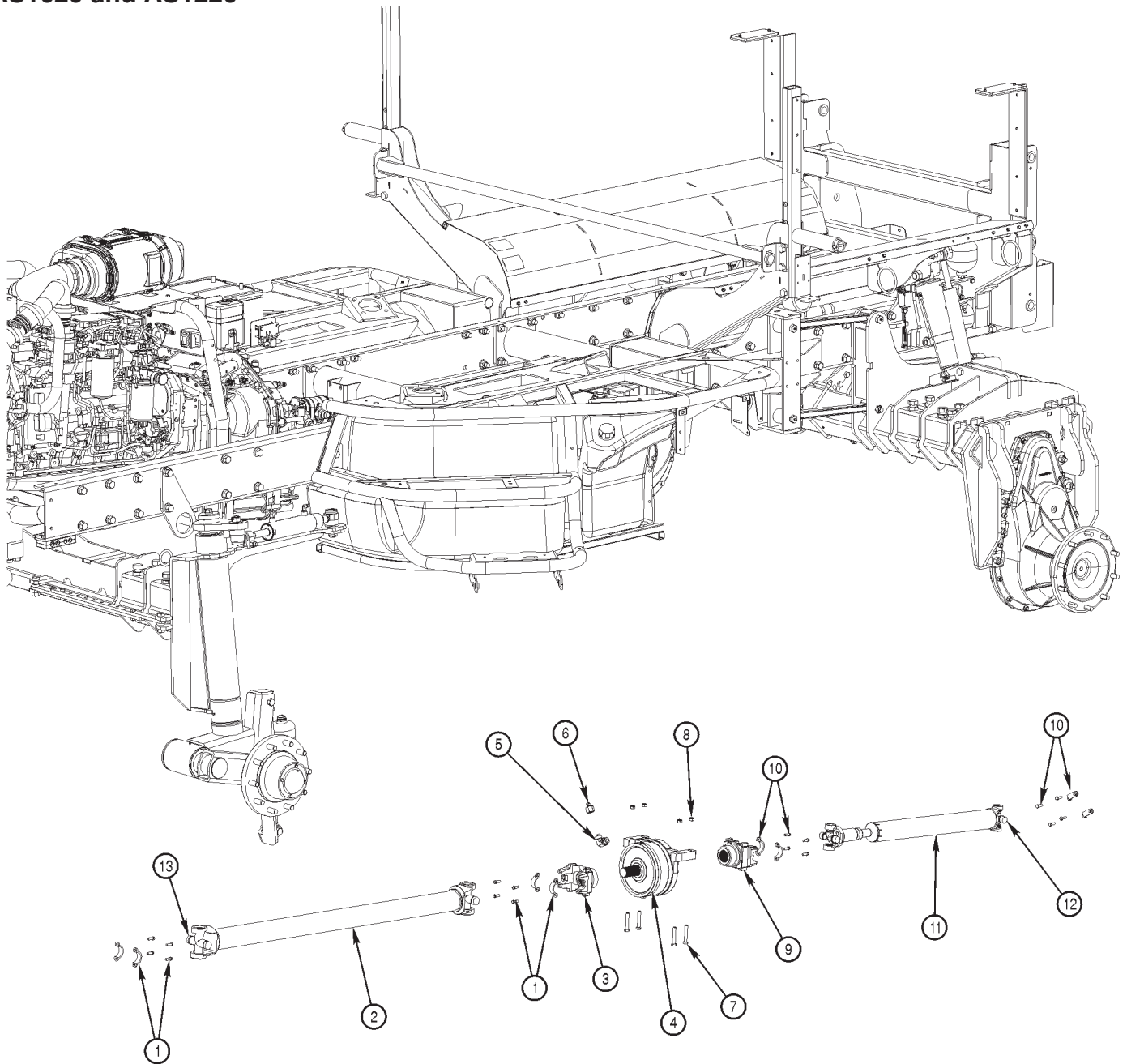
Drive Shaft

AS720



Item	Part Number	Qty	Description	Comments
1	301100200	2	U-Strap Kit	
2	301100016	1	Driveshaft, Front PS764	AS720
3	100106086	A/R	Carrier bearing	Bushing and Bracket
4	900003245	2	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
5	901003040	2	Nut, Nylock 1/2"	
6	301100017	1	Driveshaft, Rear PS764	AS720
	301100301	A/R	U-Joint, front driveshaft	
	301100300	A/R	U-Joint, rear driveshaft	
	301100011	A/R	Cork and Cup	

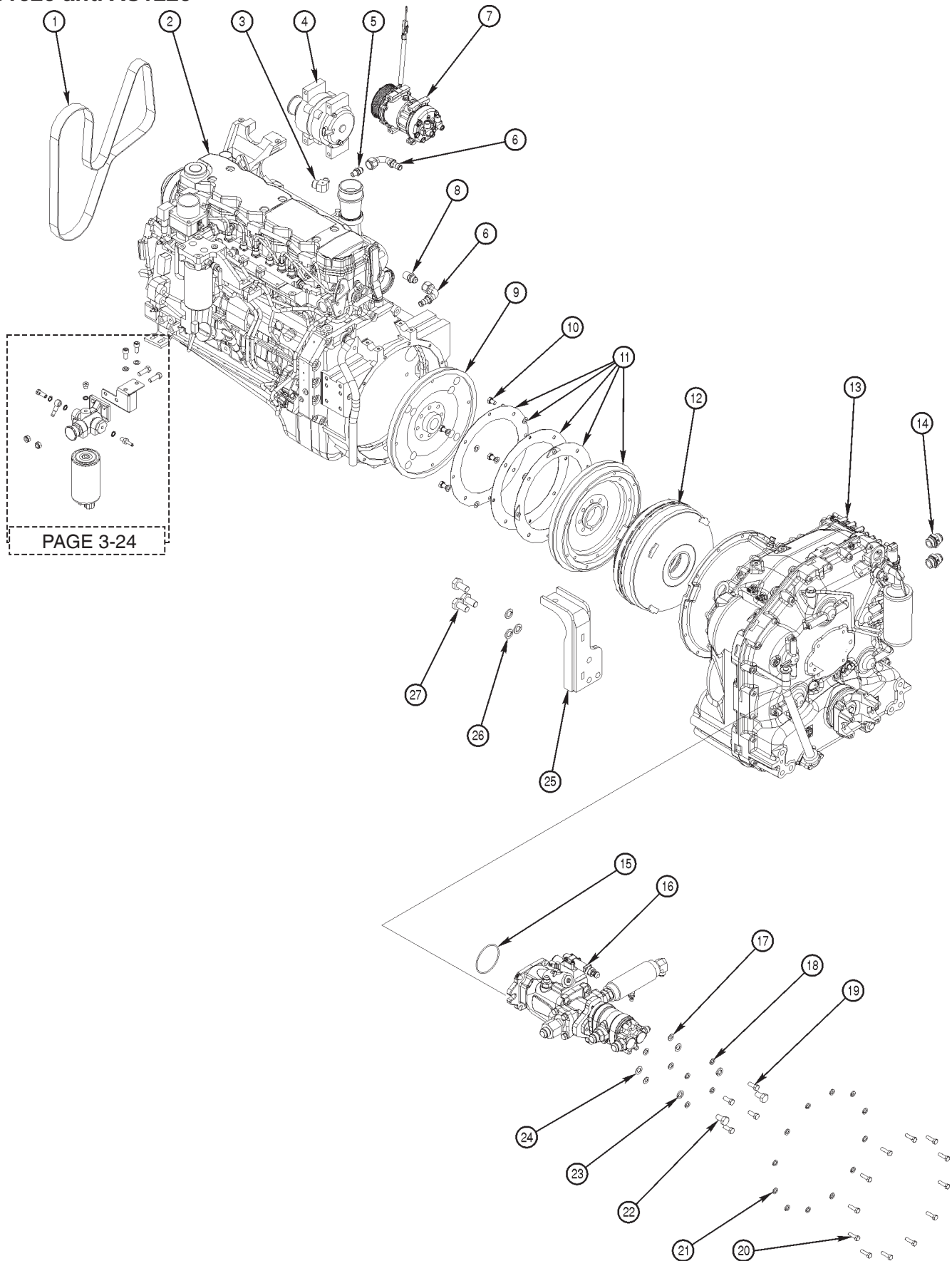
AS1020 and AS1220



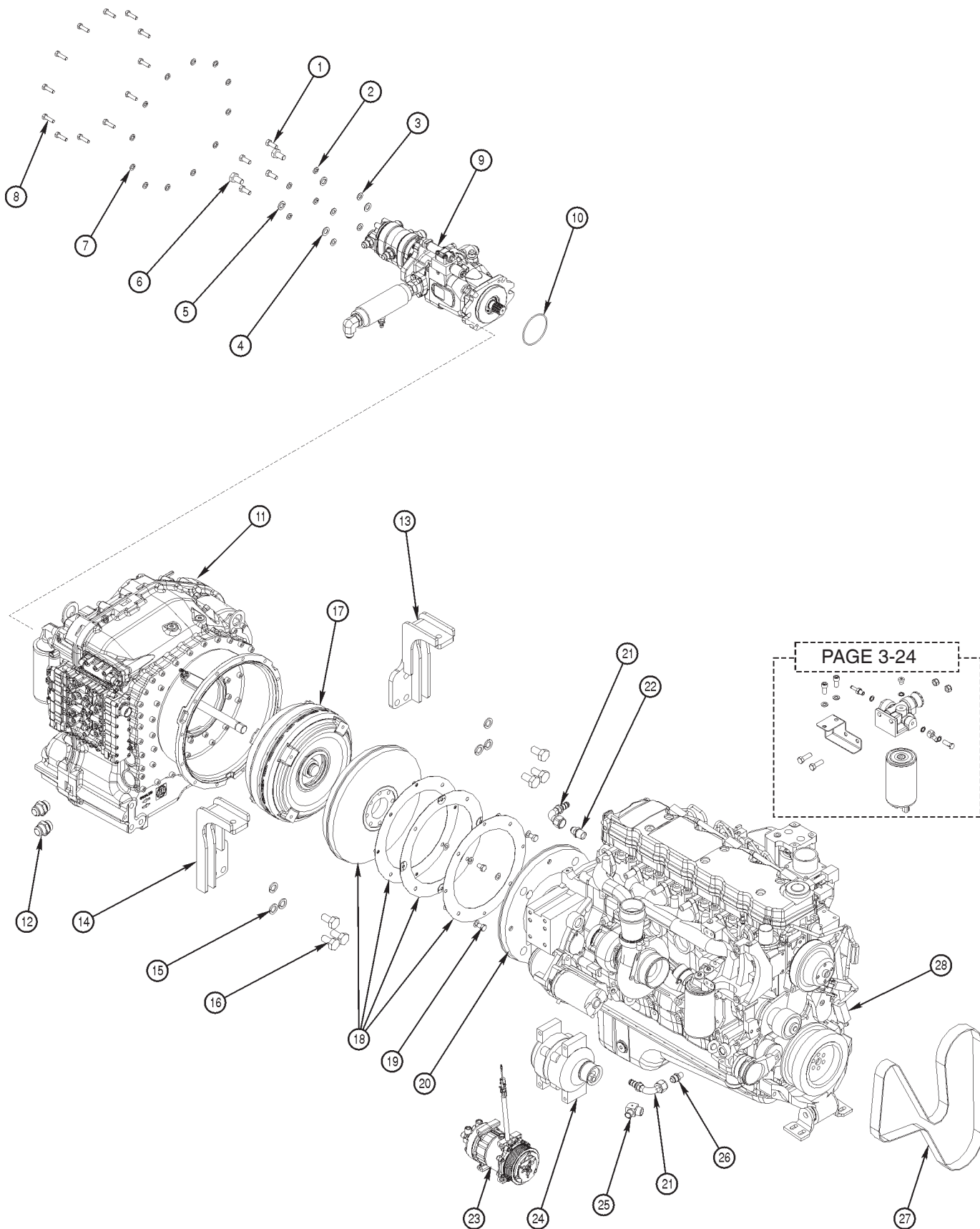
Item	Part Number	Qty	Description	Comments
1	301100037	2	Cap and Bolt Assembly, 1610 Yoke	
2	301100021	1	Driveshaft, Front ZF	AS1020 and AS1220
3	301100031	1	End Yoke, 1610 To Ausco Brake	
4	301303005	1	Driveline Brake, Ausco	
5	800302408	1	Fitting, 12 ORM x 12 FLM 90 DEG	
6	800301636	1	Fitting, Reducer 12 FLF x 8 FLM	
7	900003695	4	Bolt, HHCS 5/8-11 x 3 G5 ZP	
8	901003060	4	Nut, Nylock 5/8-11	
9	301100032	1	End Yoke, 1550 To Ausco Brake	
10	301100200	1	U-Strap Driveline to Axle Kit	U-Strap on front of rear driveshaft uses (2) P/N 900003020 and P/N 900002840
11	301100026	1	Driveshaft, Front ZF	AS1020 and AS1220
12	301100300	A/R	U-Joint, front driveshaft ZF	
13	301100302	A/R	U-Joint, front driveshaft ZF	

Engine and ZF Transmission

AS1020 and AS1220



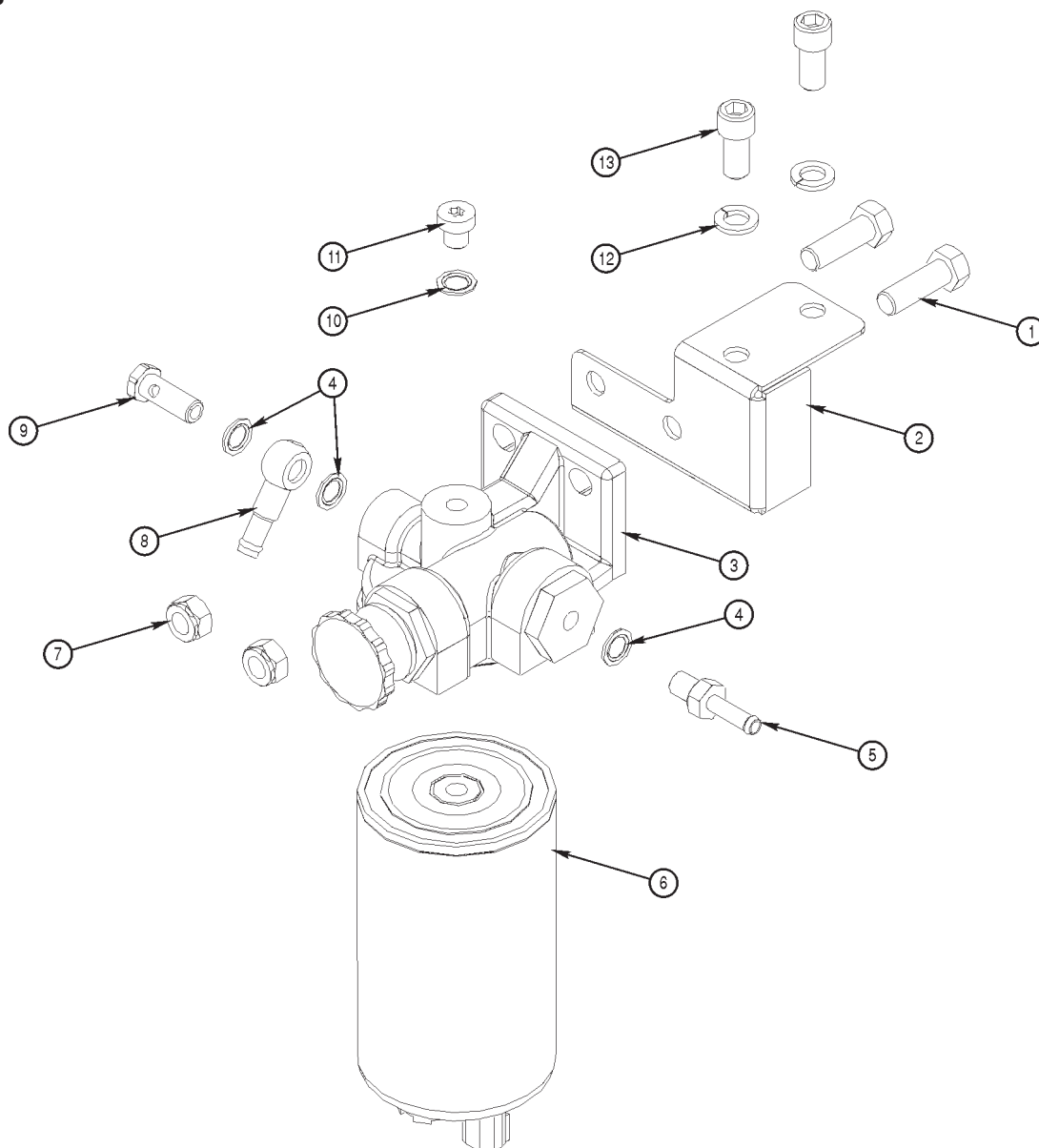
Item	Part Number	Qty	Description	Comments
1	200100034	1	Belt, Serpentine QSB 6.7	
2A	200000002	1	Engine, Cummins QSB 173HP T III	AS1020
2B	200000003	1	Engine, Cummins QSB 215HP T III	AS1220
3	800302220	1	Fitting, 12 PM x 12 BARB 90	
4	201450509	1	Alternator	
5	800302218	1	Fitting, 10 FLM x 8 PM	
6	800302221	2	Fitting, 10 FLF x 10 HB 90	
7	420100006	1	Compressor, A/C	3.25 lbs of R134A
8	800302219	1	Fitting, 10 FLM x 12 PM	
9	200100080	1	Flywheel, Cummins ZF	
10	900100004	4	Bolt, M10 x 1.50 x 35 Metric Allen Head	
11	301010200	1	Flexplate, ZF	
12	301010201	1	Torque Converter, ZF	
13	310100020	1	Transmission, ZF	
14	800404245	2	Fitting, 16 FLM x M33 x 2 ORM	
15	350000017	1	O-ring	
16	860000036	1	Pump, Assembly ZF	Piston Pump P/N 860000030. Tandem Gear Pump P/N 860000037.
17	901100467	4	Washer, Flat M12	
18	902003047	4	Washer, Lock M12	
19	900102334	4	Bolt, HHCS M12 x 1.75 x 35	
20	900100003	12	Bolt, HHCS M10 x 1.50 x 40	
21	902100100	12	Washer, Lock M10	
22	900100799	2	Bolt, HHCS M16 x 2.0 x 35	
23	902003046	2	Washer, Lock M16	
24	902003044	2	Washer, Flat M16	
25	290000897	1	Mount, L/H Trans ZF	
26	901100763	6	Washer, Lock M20	
27	901100764	6	Bolt, M20 x 2.5 x 40	
	201450102		Assembly, Filter Head	Complete Assembly, Includes fuel filter.
	201450103	1	Housing, Fuel Filter (2011 Cummins Head Only)	Must order Filter Head Adapter P/N 290000932 to thread filter onto filter head.
	310200000	1	Transmission Control Unit (TCU), ZF	AS1020
	700000455	1	Harness, Cummins Cold Start	
	201450290		In Line Fuel Filter	All Models
	310200010		Transmission Control Unit (TCU) ZF	AS1220



Item	Part Number	Qty	Description	Comments
1	900102334	4	Bolt, HHCS M12 x 1.75 x 35	
2	902003047	4	Washer, Lock M12	
3	901100467	4	Washer, Flat M12	
4	902003044	2	Washer, Flat M16	
5	902003046	2	Washer, Lock M16	
6	900100799	2	Bolt, HHCS M16 x 2.0 x 35	
7	902100100	12	Washer, Lock M10	
8	900100003	12	Bolt, HHCS M10 x 1.50 x 40	
9	860000036	1	Pump, Assembly ZF	Piston Pump P/N 860000030. Tandem Gear Pump P/N 860000037.
10	350000017	1	O-ring	
11	310100020	1	Transmission, ZF	
12	800404245	2	Fitting, 16 FLM x M33 x 2 ORM	
13	290000897	1	Mount, L/H Trans ZF	
14	290000896	1	Mount, R/H Trans ZF	
15	901100763	6	Washer, Lock M20	
16	901100764	6	Bolt, M20 x 2.5 x 40	
17	301010201	1	Torque Converter, ZF	
18	301010200	1	Flexplate, ZF	
19	900100004	4	Bolt, M10 x 1.50 x 35 Metric Allen Head	
20	200100080	1	Flywheel, Cummins ZF	
21	800302221	2	Fitting, 10 FLF x 10 HB 90	
22	800302219	1	Fitting, 10 FLM x 12 PM	AS1020
23	420100006	1	Compressor, A/C	3.25 lbs of R134A
24	201450509	1	Alternator	
25	800302220	1	Fitting, 12 PM x 12 BARB 90	
26	800302218	1	Fitting, 10 FLM x 8 PM	
27	200100034	1	Belt, Serpentine QSB 6.7	
28A	200000002	1	Engine, Cummins QSB 173HP T III	
28B	200000003	1	Engine, Cummins QSB 215HP T III	
	310200000	1	Transmission Control Unit (TCU), ZF	AS1020
	310200010	1	Transmission Control Unit (TCU), ZF	AS1220
	700000455	1	Harness, Cummins Cold Start	
	201450290		In Line Fuel Filter	All Models

Primary Fuel Filter Head

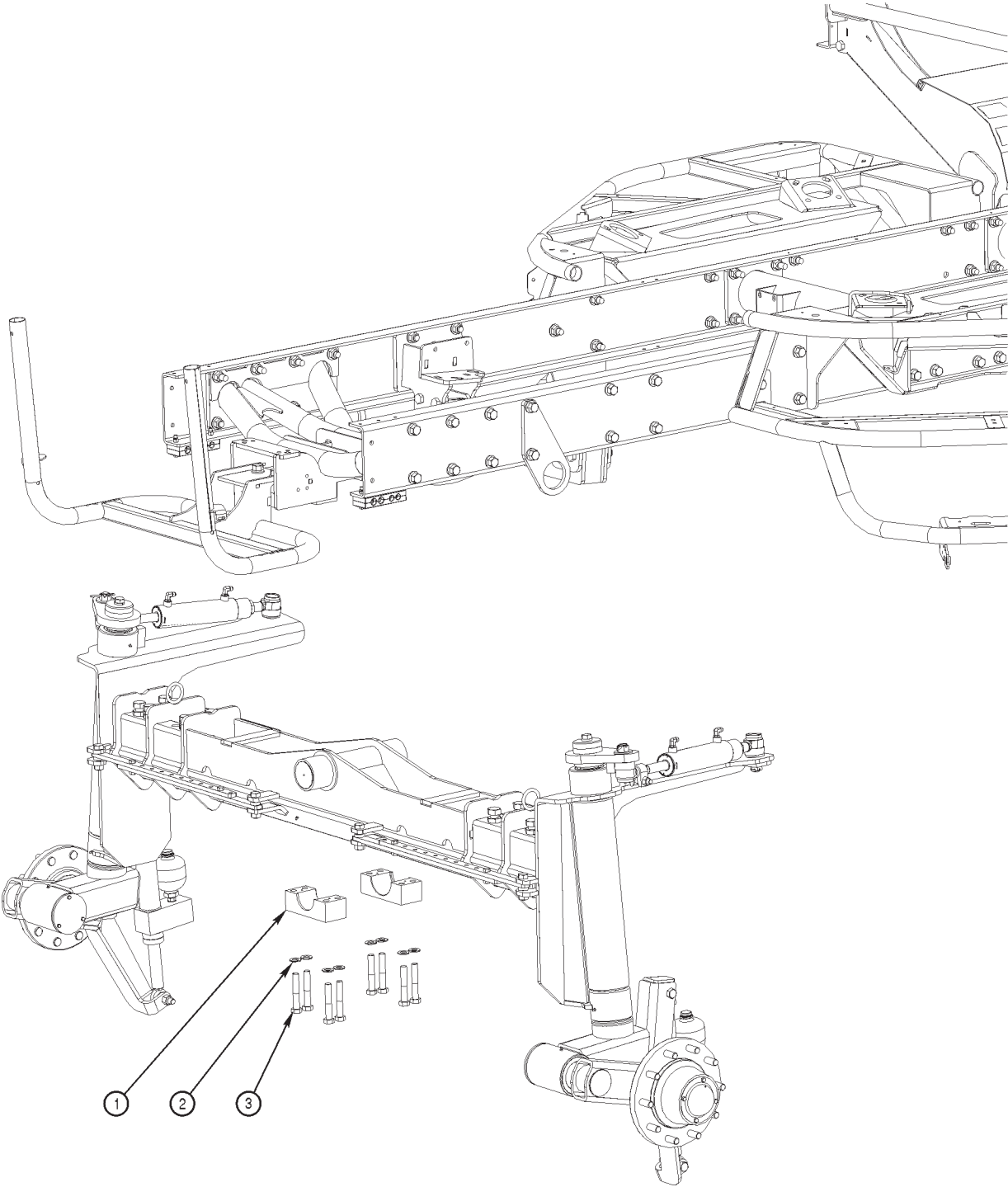
All Models



Item	Part Number	Qty	Description	Comments
1	900100585	2	Bolt, HHCS M12 x 1.75 x 30	
2	290000923	1	Bracket, Fuel Filter Cummins	
3	201450103	1	Housing, Fuel Filter (2011 Cummins Head Only)	Must order Filter Head Adapter P/N 290000932 to thread filter onto filter housing.
4	290000929	3	Seal,Washer O-ring Fuel Housing	
5	290000927	1	Fitting,Hose Barb, Inlet Fuel Housing	
6	201450242	1	Filter, Fuel Primary	201450243 Filter, Fuel Secondary
7	901100466	2	Nut, M12 x 1.75 Grade 10.9	
8	290000925	1	Fitting, Banjo Outlet Fuel Housing	
9	290000926	1	Fitting, Banjo Bolt on Fuel Housing	
10	290000930	1	Seal,Washer O-ring Fuel Housing	
11	290000928	1	Fitting,Plug Secondary Fuel Outlet	
12	902003047	2	Washer, Lock M12	
13	900102333	2	Bolt, SHCS M12 x 1.75 x 25	
	201450102		Assembly, Filter Head	Complete Assembly, Includes fuel filter.

Front Axle

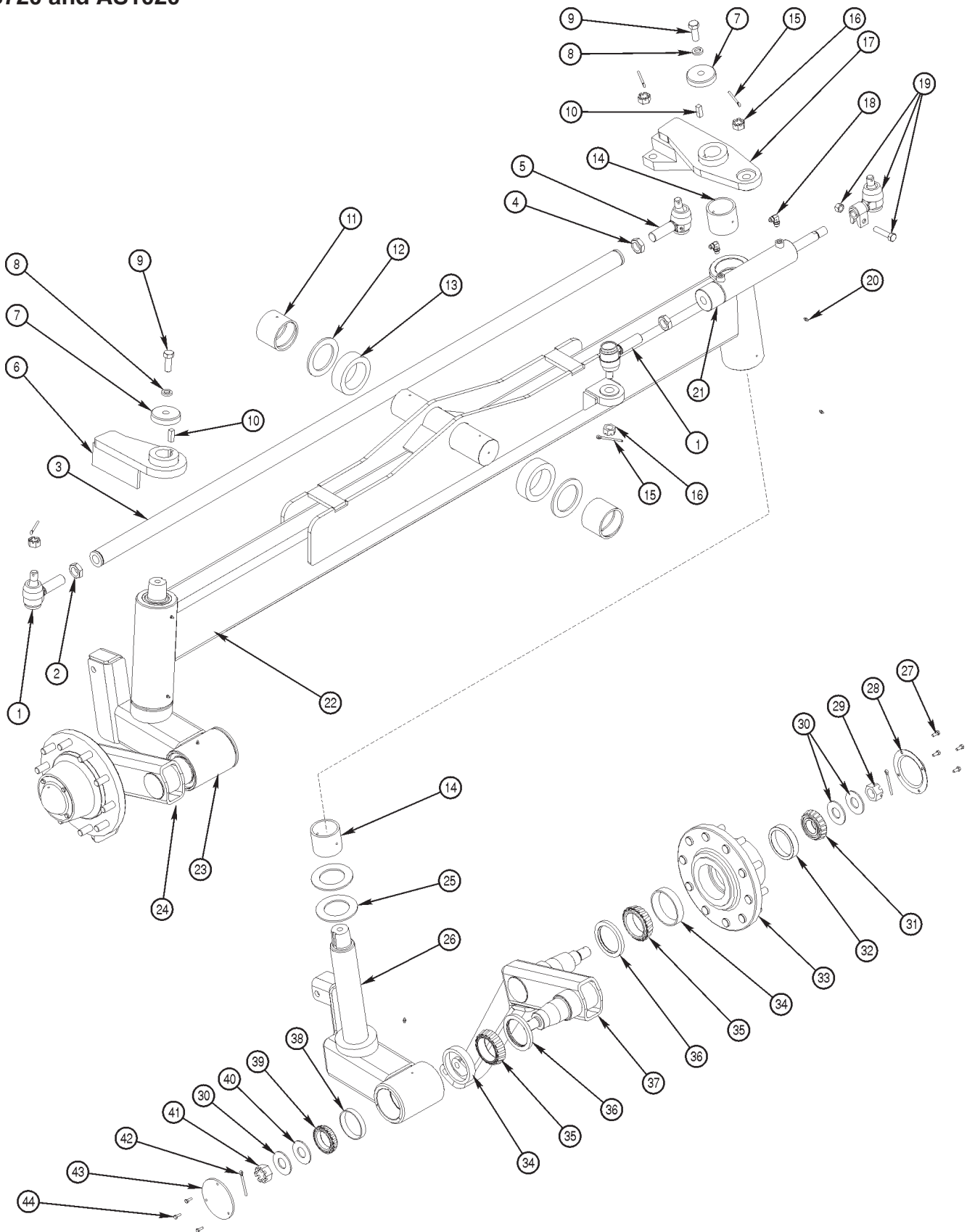
All Models



Item	Part Number	Qty	Description	Comments
1	100105239	2	Bearing, Carrier, Lower	
2	902000100	8	Washer, Flat 3/4" G8	
3	900011877	8	Bolt, HHCS 3/4-16 x 4 1/2 G8 ZP	

120" Fixed Front Axle **42" Crop Clearance**

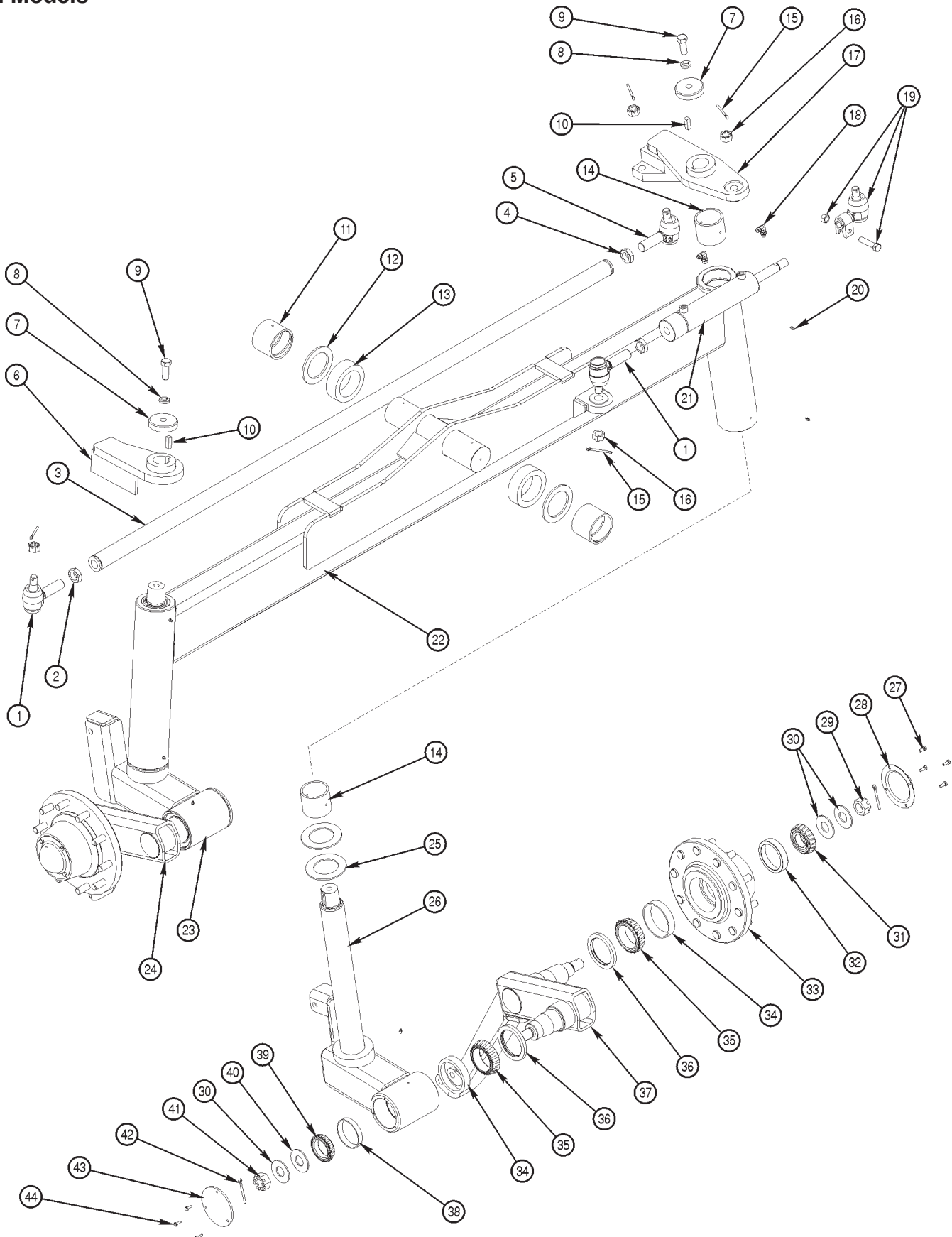
AS720 and AS1020



Item	Part Number	Qty	Description	Comments
1	100800810	2	Tie Rod End, Male R/H Thread	
2	901002105	2	Nut, Jam 1 1/8-12 R/H Thread	
3	100105241	1	Tie Rod 120" Fixed	
4	901002106	2	Nut, Jam 1 1/8-12 L/H Thread	
5	100800815	1	Tie Rod End, Male L/H Thread	
6	100200125	1	Steering Arm, R/H Fixed	
7	100000400	2	Retainer Cap, 3.5" x 0.5	
8	902351000	2	Washer, Lock 3/4"	
9	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 ZP	
10	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
11	100105240	2	Bushing, 3.50" Front Axle	
12A	100105243	2	Washer, Bronze 3.5 x 5.0 x 0.19	
12B	100105248	2	Washer, Bronze 3.5 x 5.0 x 0.06	
13	100105242	2	Spacer, Pivot Pin, Fixed Front	
14	100100288	4	Bushing, 3 ID x 3 1/2 OD x 3 L	
15	904300207	4	Cotter Pin, 5/32 x 2.00	
16	901000001	4	Nut, Castle 7/8-14	
17	100200126	1	Steering Arm, L/H Fixed	
18	800404215	2	Fitting, 6 FLM x 6 ORM 90	
19	100800800	1	Tie Rod End, Female	
20	915003010	6	Zerk, 1/4-28 NPT Straight	
21	850000130	1	Cylinder, Steering	
22	100105232	1	Axle, Front Fixed 42" CC HD	
23	100105234	1	Kingpin, R/H, Fixed 42" CC HD	
24	100106203	1	Outer Flex, R/H Suspension	
25	100105107	4	Washer, Thrust Bronze 3 x 5	
26	100105233	1	Kingpin, L/H, Fixed 42" CC HD	
27	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
28	100107019	2	Cap, Hub HD	Gasket Included
29	100106025	2	Nut, Castle 1 1/4 spindle	
30	100106016	6	Washer, Flat 1 1/4	
31	100106077	2	Bearing, Cone	Bearing
32	100106076	2	Bearing, Cup	Race
33	100107022	2	Hub Assembly, HD 15,000 lb	
34	100106071	4	Bearing, Cup	Race
35	100106072	4	Bearing, Cone	Bearing
36	100106091	4	Seal, Grease	
37	100106204	1	Outer Flex, L/H Suspension	
38	100106070	2	Bearing, Cup	Race
39	100106080	2	Bearing, Cone	Bearing
40	902003090	2	Washer, Flat 1 1/4 ZP	
41	901000004	2	Nut, Castle, HD Inner Suspension	
42	100106027	4	Cotter Pin, Spindle	
43	100107012	2	Dust Cover, HD Outer Flex	
44	900002395	6	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
	A00000080		Kit, Fixed Steering Hose	

120" Fixed Front Axle 50" Crop Clearance

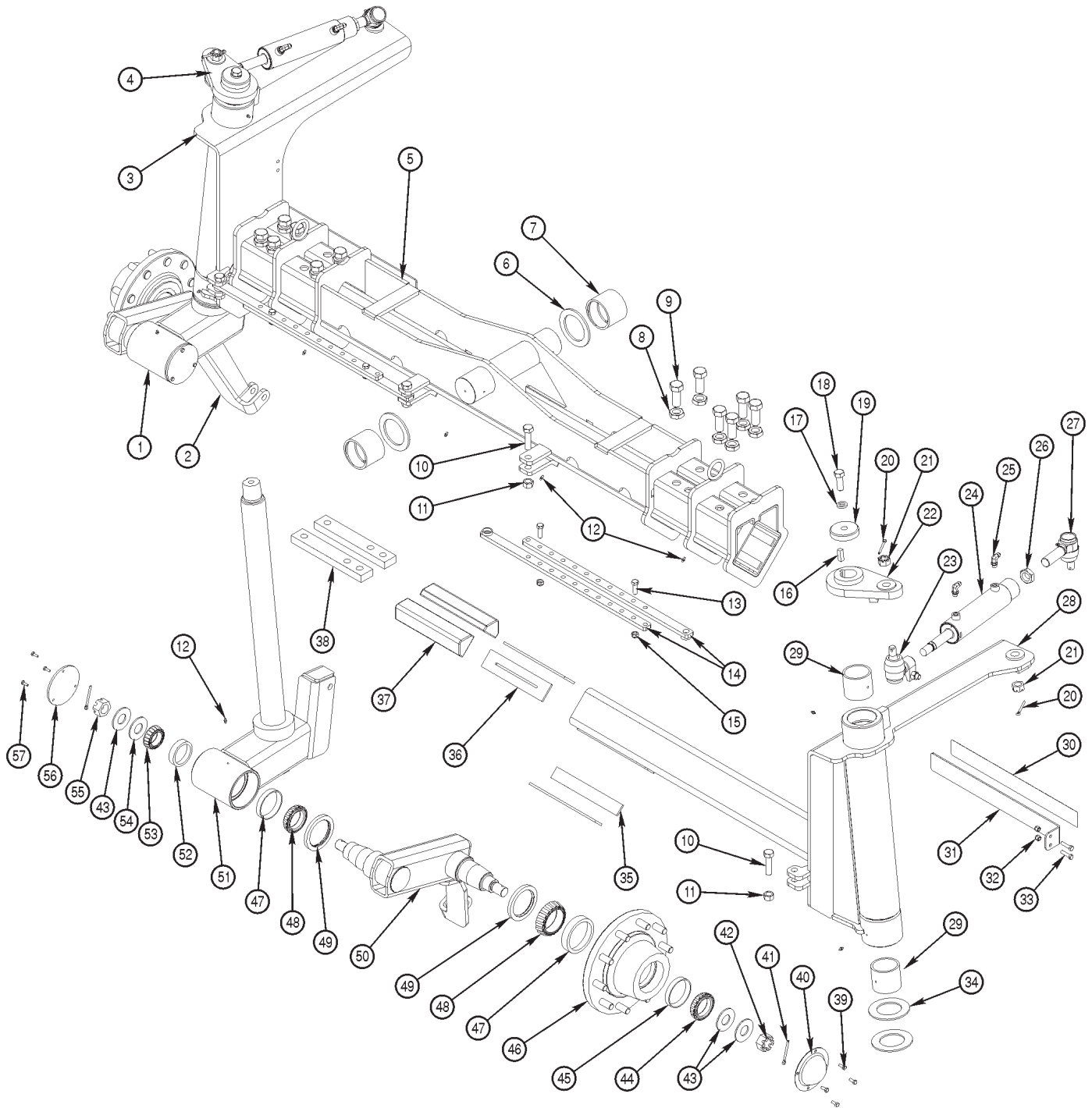
All Models



Item	Part Number	Qty	Description	Comments
1	100800810	2	Tie Rod End, Male R/H Thread	
2	901002105	2	Nut, Jam 1 1/8-12 R/H Thread	
3	100105241	1	Tie Rod 120" Fixed	
4	901002106	2	Nut, Jam 1 1/8-12 L/H Thread	
5	100800815	1	Tie Rod End, Male L/H Thread	
6	100200125	1	Steering Arm, R/H Fixed	
7	100000400	2	Retainer Cap, 3.5" x 0.5	
8	902351000	2	Washer, Lock 3/4"	
9	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 ZP	
10	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
11	100105240	2	Bushing, 3.50" Front Axle	
12A	100105243	2	Washer, Bronze 3.5 x 5.0 x 0.19	
12B	100105248	2	Washer, Bronze 3.5 x 5.0 x 0.06	
13	100105242	2	Spacer, Pivot Pin, Fixed Front	
14	100100288	4	Bushing, 3 ID x 3 1/2 OD x 3 L	
15	904300207	4	Cotter Pin, 5/32 x 2.00	
16	901000001	4	Nut, Castle 7/8-14	
17	100200126	1	Steering Arm, L/H Fixed	
18	800404215	2	Fitting, 6 FLM x 6 ORM 90	
19	100800800	1	Tie Rod End, Female	
20	915003010	6	Zerk, 1/4-28 NPT Straight	
21	850000130	1	Cylinder, Steering	
22	100105235	1	Axle, Front Fixed 50" CC HD	
23	100105216	1	Kingpin, R/H, Fixed 50" CC HD	
24	100106203	1	Outer Flex, R/H Suspension	
25	100105107	4	Washer, Thrust Bronze 3 x 5	
26	100105215	1	Kingpin, L/H, Fixed 50" CC HD	
27	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
28	100107019	2	Cap, Hub HD	Gasket Included
29	100106025	2	Nut, Castle 1 1/4 spindle	
30	100106016	6	Washer, Flat 1 1/4	
31	100106077	2	Bearing, Cone	Bearing
32	100106076	2	Bearing, Cup	Race
33	100107022	2	Hub Assembly, HD 15,000 lb	
34	100106071	4	Bearing, Cup	Race
35	100106072	4	Bearing, Cone	Bearing
36	100106091	4	Seal, Grease	
37	100106204	1	Outer Flex, L/H Suspension	
38	100106070	2	Bearing, Cup	Race
39	100106080	2	Bearing, Cone	Bearing
40	902003090	2	Washer, Flat 1 1/4 ZP	
41	901000004	2	Nut, Castle, HD Inner Suspension	
42	100106027	4	Cotter Pin, Spindle	
43	100107012	2	Dust Cover, HD Outer Flex	
44	900002395	6	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
	A00000080		Kit, Fixed Steering Hose	

120 to 160" Adjustable Front Axle **42" Crop Clearance**

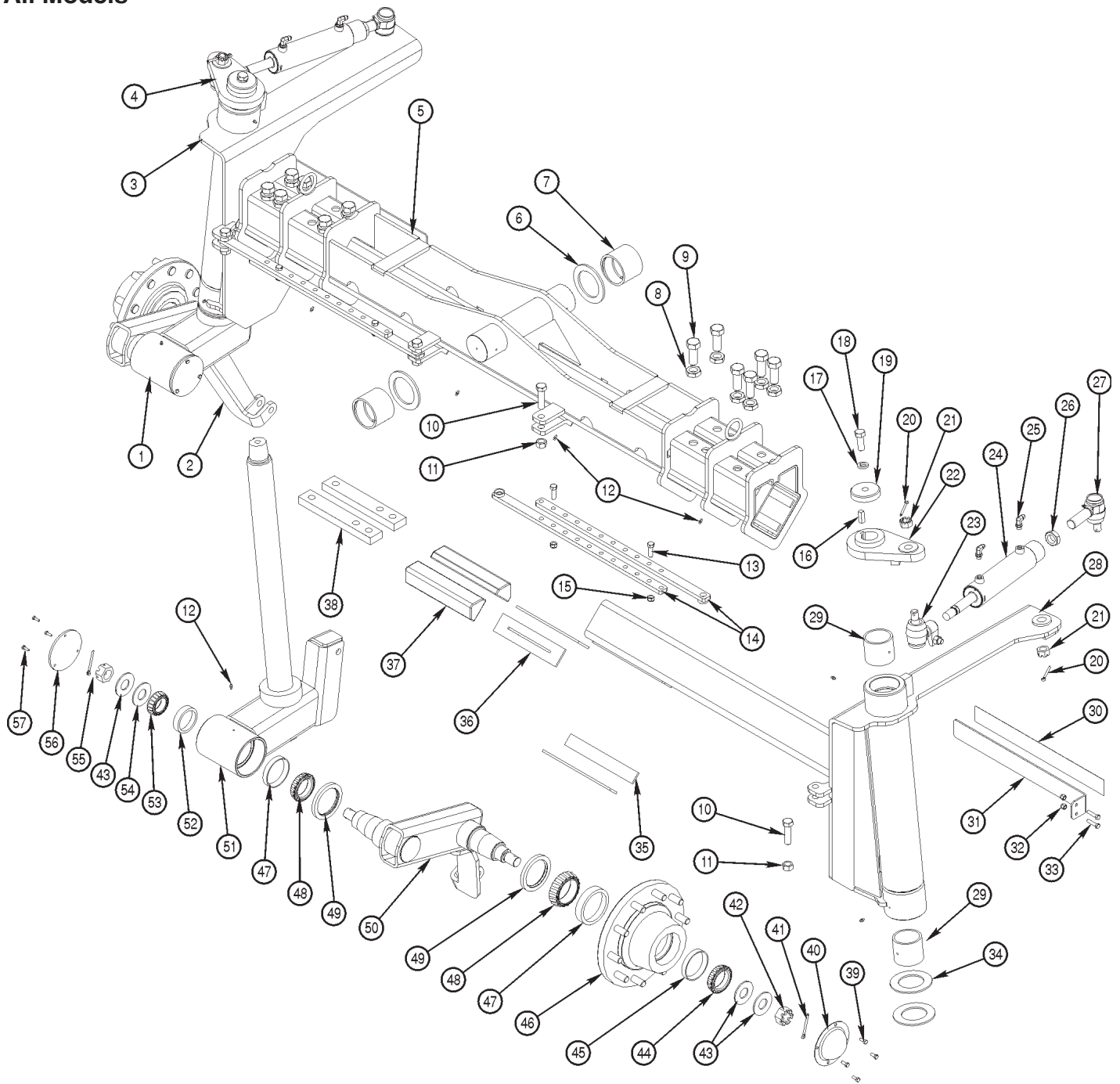
AS720 and AS1020



Item	Part Number	Qty	Description	Comments
1	100106201	1	King Pin, 3.00" R/H, HD	
2	100106203	1	Suspension Flex Outer R/H,	
3	100105228	1	Axle, Front Male R/H 42" CC	
4	100200110	1	Steering Arm, R/H	
5	100105225		Axle, Front Center 120-160	
6A	100105243	2	Washer, Bronze 3.5 x 5.0 x 0.19	
6B	100105248	2	Washer, Bronze 3.5 x 5.0 x 0.06	
7	100105240	2	Bushing, 3.50" Front Axle	
8	901002090	12	Nut, Jam 1"-8	
9	900007040	12	Bolt, HHCS 1"-8 x 2 1/2"	
10	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
11	901003075	4	Nut, Nylock 3/4-16 ZP	
12	915003010	10	Zerk, 1/4-28 NPT Straight	
13	900003270	4	Bolt, HHCS 1/2-13 x 2"	
14	100000317	4	Locking Bar, 120"-160"	
15	901003040	4	Nut, Nylock 1/2"-13	
16	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
17	902351000	2	Washer, Lock 3/4"	
18	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 ZP	
19	100000400	2	Retainer Cap, 3.5" x 0.5	
20	904300207	4	Cotter Pin, 5/32 x 2.00	
21	901000001	4	Nut, Castle 7/8-14	
22	100200120	1	Steering Arm, L/H	
23	100800800	2	Tie Rod End, Female	
24	850000129	2	Cylinder, Steering Re-phasing	Seal Kit P/N 850000132
25	800404215	4	Fitting, 6 FLM x 6 ORM 90	
26	901002105	2	Nut, Jam 1 1/8-12 R/H Thread	
27	100800810	2	Tie Rod End, Male R/H Thread	
28	100105229	1	Axle, Front Male L/H 42" CC	
29	100100288	4	Bushing, 3 ID x 3 1/2 OD x 3 L	
30A	100105246	1	Decal, Crop Width Indicator R/H	
30B	100105247	1	Decal, Crop Width Indicator L/H	
31	100105245	2	Bracket, Crop width Indicator	
32	901003020	4	Nut, Nylock 3/8-16	
33	900006604	4	Bolt, HHCS 3/8-16 x 1 1/4	
34	100105107	4	Washer, Thrust Bronze 3 x 5	
35	100200013	4	Wear Pad, Male Slider	
36	100200009	4	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
37A	100105134	4	Clamp Wedge Block casting	Manual Adjust
37B	100105144	4	Clamp Wedge Block casting	Adjust on the go
38	100105244	4	Clamp Plate, Threaded	
39	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
40	100107019	2	Cap, Hub HD	Gasket Included
41	100106027	4	Cotter Pin, Spindle	
42	100106025	2	Nut, Castle 1 1/4 spindle	
43	100106016	6	Washer, Flat 1 1/4	
44	100106077	2	Bearing, Cone	Bearing
45	100106076	2	Bearing, Cup	Race
46	100107022	2	Hub Assembly, HD 15,000 lb	
47	100106071	4	Bearing, Cup	Race
48	100106072	4	Bearing, Cone	Bearing
49	100106091	4	Seal, Grease	
50	100106204	1	Suspension Flex Outer L/H,	
51	100106202	1	King Pin, 3.00" L/H, HD	
52	100106070	2	Bearing, Cup	Race
53	100106080	2	Bearing, Cone	Bearing
54	902003090	2	Washer, Flat 1 1/4 ZP	
55	901000004	2	Nut, Castle, HD Inner Suspension	
56	100107012	2	Dust Cover, HD Outer Flex	
	A00000079		Kit, 120"/160" Steering Hose	

120 to 160" Adjustable Front Axle 50" Crop Clearance

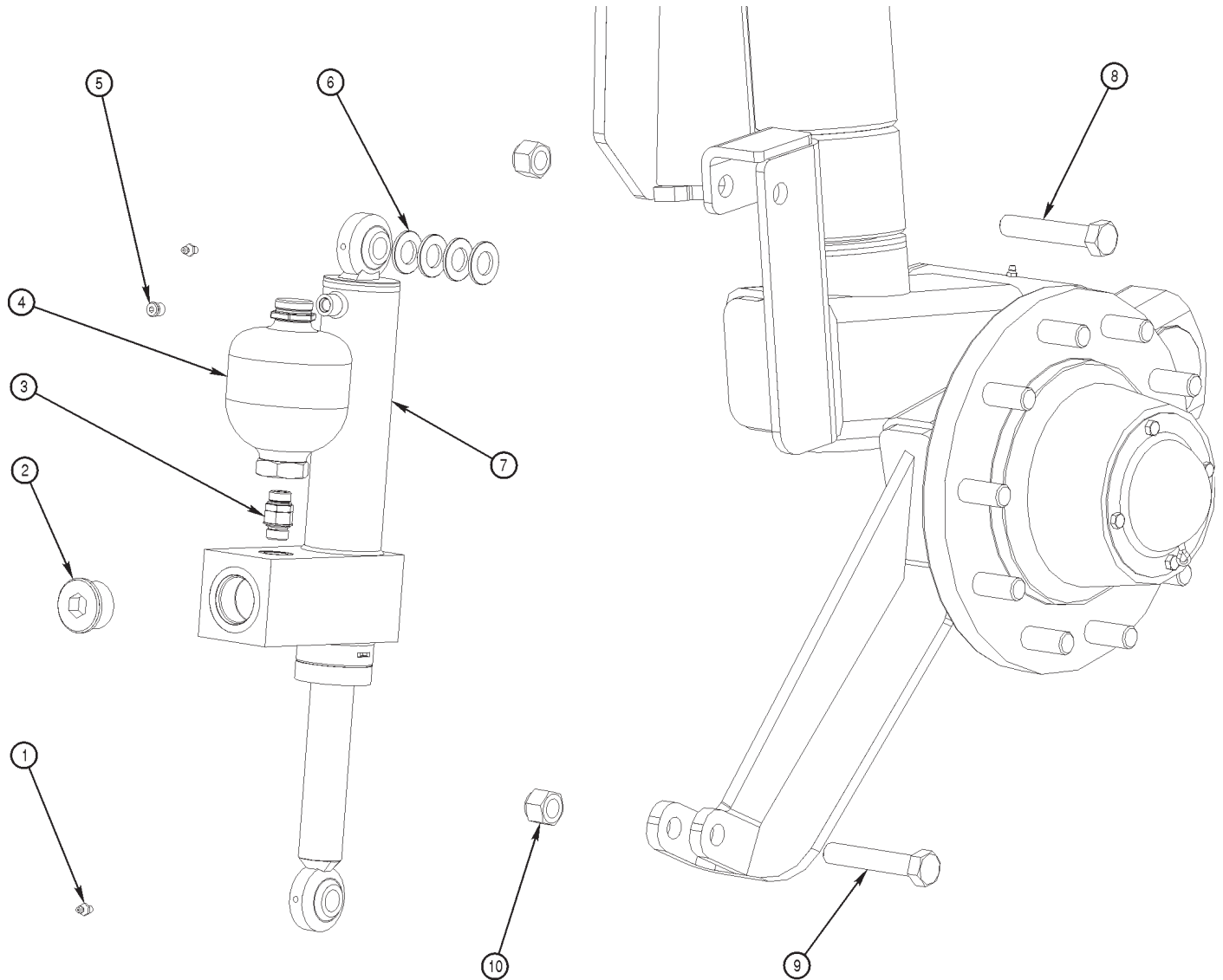
All Models



Item	Part Number	Qty	Description	Comments
1	100106201	1	King Pin, 3.00" R/H, HD	
2	100106203	1	Suspension Flex Outer R/H,	
3	100105230	1	Axle, Front Male R/H 50" CC	
4	100200110	1	Steering Arm, R/H	
5	100105225		Axle, Front Center 120-160	
6A	100105243	2	Washer, Bronze 3.5 x 5.0 x 0.19	
6B	100105248	2	Washer, Bronze 3.5 x 5.0 x 0.06	
7	100105240	2	Bushing, 3.50" Front Axle	
8	901002090	12	Nut, Jam 1"-8	
9	900007040	12	Bolt, HHCS 1"-8 x 2 1/2"	
10	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
11	901003075	4	Nut, Nylock 3/4-16 ZP	
12	915003010	10	Zerk, 1/4-28 NPT Straight	
13	900003270	4	Bolt, HHCS 1/2-13 x 2"	
14	100000317	4	Locking Bar, 120"-160"	
15	901003040	4	Nut, Nylock 1/2"-13	
16	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
17	902351000	2	Washer, Lock 3/4"	
18	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 ZP	
19	100000400	2	Retainer Cap, 3.5" x 0.5	
20	904300207	4	Cotter Pin, 5/32 x 2.00	
21	901000001	4	Nut, Castle 7/8-14	
22	100200120	1	Steering Arm, L/H	
23	100800800	2	Tie Rod End, Female	
24	850000129	2	Cylinder, Steering Re-phasing	Seal Kit P/N 850000132
25	800404215	4	Fitting, 6 FLM x 6 ORM 90	
26	901002105	2	Nut, Jam 1 1/8-12 R/H Thread	
27	100800810	2	Tie Rod End, Male R/H Thread	
28	100105231	1	Axle, Front Male L/H 50" CC	
29	100100288	4	Bushing, 3 ID x 3 1/2 OD x 3 L	
30A	100105246	1	Decal, Crop Width Indicator R/H	
30B	100105247	1	Decal, Crop Width Indicator L/H	
31	100105245	2	Bracket, Crop width Indicator	
32	901003020	4	Nut, Nylock 3/8-16	
33	900006604	4	Bolt, HHCS 3/8-16 x 1 1/4	
34	100105107	4	Washer, Thrust Bronze 3 x 5	
35	100200013	4	Wear Pad, Male Slider	
36	100200009	4	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
37A	100105134	4	Clamp Wedge Block casting	Manual Adjust
37B	100105144	4	Clamp Wedge Block casting	Adjust on the go
38	100105244	4	Clamp Plate, Threaded	
39	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
40	100107019	2	Cap, Hub HD	Gasket Included
41	100106027	4	Cotter Pin, Spindle	
42	100106025	2	Nut, Castle 1 1/4 spindle	
43	100106016	6	Washer, Flat 1 1/4	
44	100106077	2	Bearing, Cone	Bearing
45	100106076	2	Bearing, Cup	Race
46	100107022	2	Hub Assembly, HD 15,000 lb	
47	100106071	4	Bearing, Cup	Race
48	100106072	4	Bearing, Cone	Bearing
49	100106091	4	Seal, Grease	
50	100106204	1	Suspension Flex Outer L/H,	
51	100106202	1	King Pin, 3.00" L/H, HD	
52	100106070	2	Bearing, Cup	Race
53	100106080	2	Bearing, Cone	Bearing
54	902003090	2	Washer, Flat 1 1/4 ZP	
55	901000004	2	Nut, Castle, HD Inner Suspension	
56	100107012	2	Dust Cover, HD Outer Flex	
57	900002395	6	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
	A00000079		Kit, 120"/160" Steering Hose	

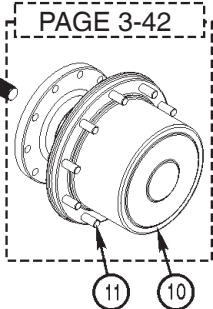
Front Strut

All Models



Item	Part Number	Qty	Description	Comments
1	915003010	2	Zerk, 1/4-28 NPT Straight	
2	800100622	1	Plug, Front Suspension Block	
3	800302140	1	Fitting, 8 ORM x 8 ORM	
4	100106502	1	Accumulator, Front Suspension	
5	800000615	1	Plug, 1/2"	
6	902003070	4	Washer, Flat 3/4"	
7	100106514	1	Strut, Front Assembly	Seal Kit 100106515. AS720 Precharged at 800 psi. AS1020 and AS1220 Precharged at 900 psi.
8	900006655	1	Bolt, HHCS 3/4-16 x 4" G5 ZP	
9	900006645	1	Bolt, HHCS 3/4-16 x 3 1/2" G5 ZP	
10	901000780	2	Nut, FHNT 3/4-16 G5 ZP	
	100106520	A/R	Rebuilt Strut, Front Assembly	
	100106517	A/R	Shaft, With Rod-end, Front Strut	
	100106518	A/R	Retaining Ring	
	100106519	A/R	Piston	
	100106521	A/R	Wear Ring	

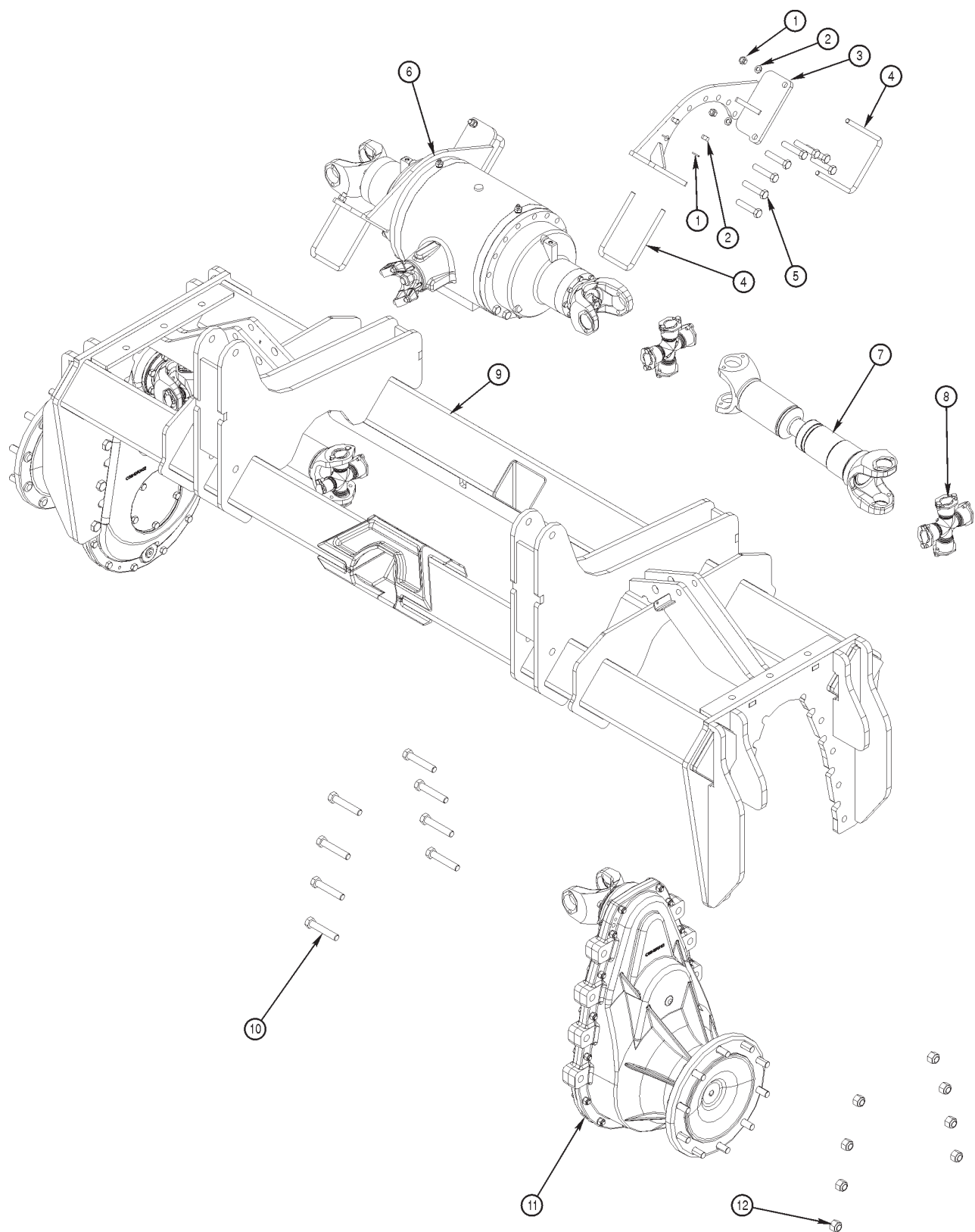
AS720 and AS1020



Item	Part Number	Qty	Description	Comments
1	901003040	8	Nut, Nylock 1/2-13	
2	902003211	8	Washer, Flat 1/2" Thick G8	
3	100105120	2	Support, Differential Center	
4	915002562	4	U-Bolt, 1/2" x 8"	
5	900002359	36	Bolt, HHCS M16-2.0 x 80 x 8.8	
6A	K65000044	1	Rear Differential, Complete	AS720
6B	350000153	1	Center Differential Only	AS720
6C	K65000214	1	Rear Differential, Complete	AS1020 and AS1220
6D	350000140	1	Center Differential Only	AS1020 and AS1220
7	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
8	351001013	2	Drive Shaft, 120" Assembly	
9	100105236	1	Axle, Rear Fixed 42" CC	
10	350000151	2	Planetary Hub Assembly	
11	350000190	20	Stud, 3.25" Planetary	
12	351000400	2	Axle Shaft, Planetary Hub	14 1/4"
13	351000706	2	O-ring	Between planetary and yoke housing
14	351000900	2	Outer Yoke Housing	
15	351000800	4	Internal/External Splined Shaft	
16	351000701	8	Bearing Cone	Bearing
17	351000702	4	Bearing Cup	Race (double sided)
18	351000704	4	O-ring	Between Bearing Cap and Yoke Housing
19	351000700	4	Bearing Cap	Also houses oil seal
20	351000703	4	Oil Seal	
21	900005565	32	Bolt, HHCS 3/8-24 x 2"	
22	350000700	4	End Yoke Splined	
23	100106022	4	Washer, Flat 1" 3/16" Thick G8	
24	100106023	4	Nut, Castle 1-14	
25	100106021	4	Cotter Pin, Spindle	
	K65000056		Assembly, Planetary Hub	Complete Assembly

120" Fixed Rear Axle 50" Crop Clearance

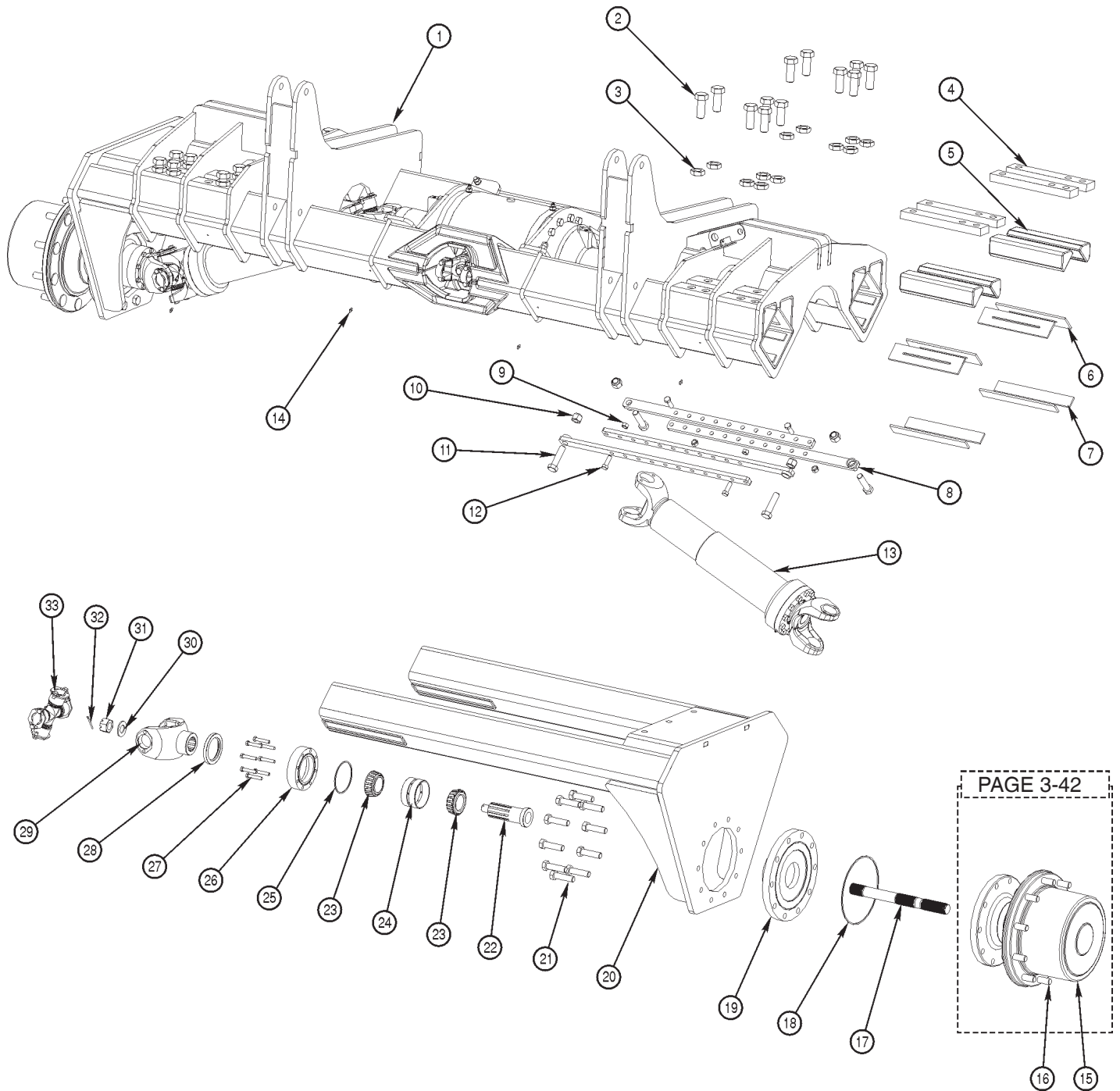
All Models



Item	Part Number	Qty	Description	Comments
1	901003040	8	Nut, Nylock 1/2-13	
2	902003211	8	Washer, Flat 1/2" Thick G8	
3	100105120	2	Support, Differential Center	
4	915002562	4	U-Bolt, 1/2" x 8"	
5	900002359	36	Bolt, HHCS M16-2.0 x 80 x 8.8	
6A	K65000044	1	Rear Differential, Complete	AS720
6B	350000153	1	Center Differential Only	AS720
6C	K65000214	1	Rear Differential, Complete	AS1020 and AS1220
6D	350000140	1	Center Differential Only	AS1020 and AS1220
7	351001016	2	Driveshaft Assembly, 50"/120" Fixed	
8	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
9	100105237	1	Axle, Rear fixed 50" CC	
10	900006655	16	Bolt, HHCS 3/4-16 x 4 G5 ZP	
11	350000170	2	Drop Box Assembly 18" drop 200 HP	
12	901003075	16	Nut, Nylock 3/4-16 ZP	

120 to 160" Adjustable Rear Axle 42" Crop Clearance

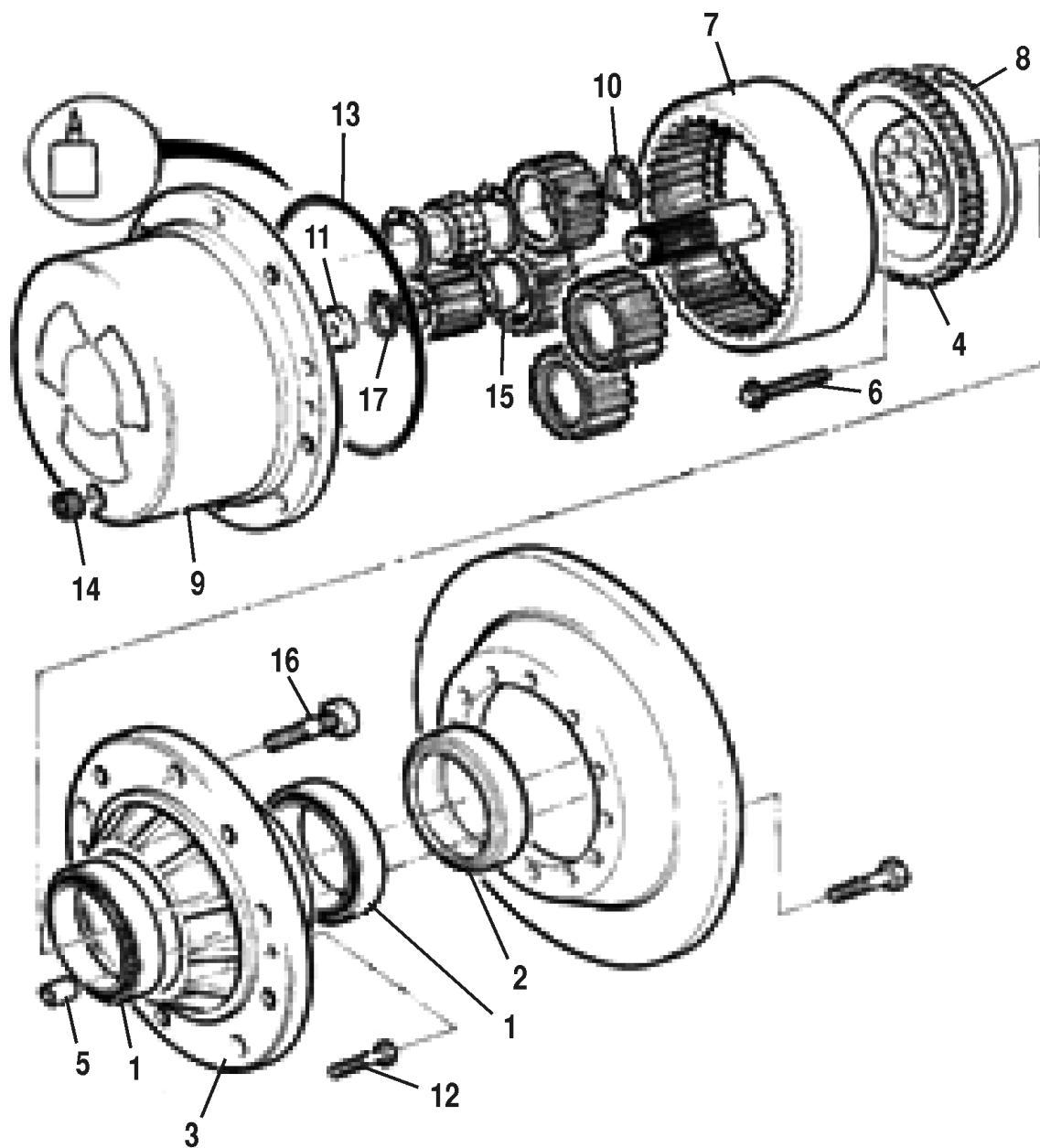
AS720 and AS1020



Item	Part Number	Qty	Description	Comments
1	100105221	1	Axle, Rear Center 42" CC	
2	900007040	24	Bolt, HHCS 1"-8 x 2 1/2"	
3	901002090	24	Nut, Jam 1"-8	
4	100105244	12	Clamp Plate, Threaded	
5A	100105134	8	Clamp Wedge Block casting	Manual Adjust
5B	100105144	8	Clamp Wedge Block casting	Adjust on the go
6	100200009	8	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
7	100200013	8	Wear Pad, Male Slider	
8	100000317	4	Locking Bar, 120"-160"	
9	901003040	4	Nut, Nylock 1/2"-13	
10	901003075	4	Nut, Nylock 3/4-16 ZP	
11	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
12	900003270	4	Bolt, HHCS 1/2-13 x 2"	
13	351001017	2	Drive shaft, 120" - 160" 42" CC	
14	915003010	8	Zerk, 1/4-28 NPT Straight	
15	350000151	2	Planetary Hub Assembly	
16	350000190	20	Stud, 3.25" Planetary	
17	351000400	2	Axle Shaft, Planetary Hub	14 1/4"
18	351000706	2	O-ring	Between planetary and yoke housing
19	351000900	2	Outer Yoke Housing	
20	100105223	2	Axle, Rear Male 42" CC	
21	900002359	20	Bolt, HHCS M16-2.0 x 80 x 8.8	
22	351000800	4	Internal/External Splined Shaft	
23	351000701	4	Bearing Cone	Bearing
24	351000702	2	Bearing Cup	Race (double sided)
25	351000704	4	O-ring	Between Bearing Cap and Yoke Housing
26	351000700	4	Bearing Cap	Also houses oil seal
27	900005565	16	Bolt, HHCS 3/8-24 x 2"	
28	351000703	2	Oil Seal	
29	350000700	4	End Yoke Splined	
30	100106022	4	Washer, Flat 1" 3/16" Thick G8	
31	100106023	2	Nut, Castle 1-14	
32	100106021	2	Cotter Pin, Spindle	
33	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
	K65000056		Assembly, Planetary Hub	Complete Assembly

Planetary Hub

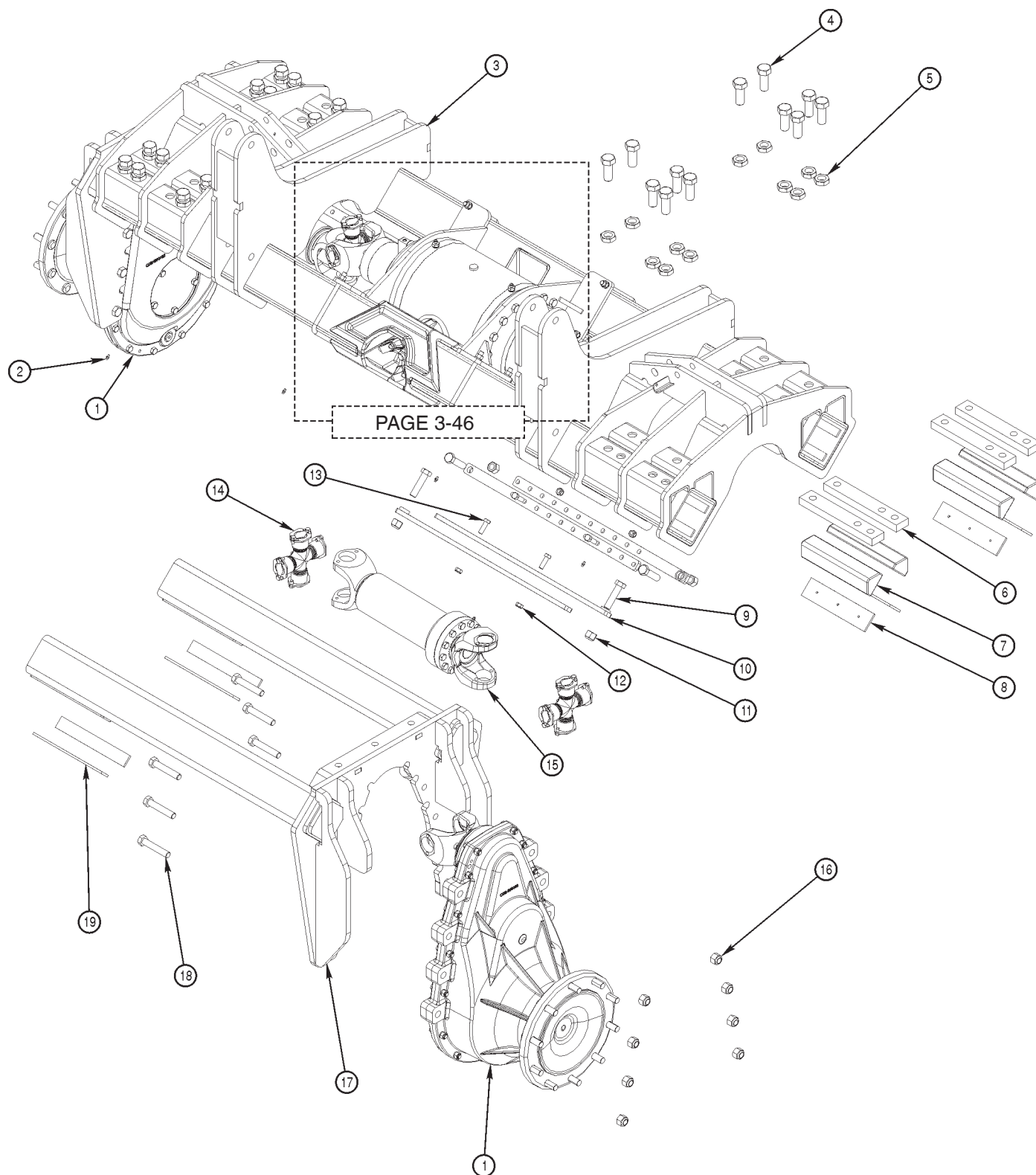
All Models



Item	Part Number	Qty	Description	Comments
1	301200150	2	Bearing	
2	301200140	1	Seal - Cassette	
3	301200057	1	Carrier, Wheel Bearing	
4	301200064	1	Carrier, Annulus	
5	301200055	8	Dowel, Hollow	
6	301200420	8	Bolt, M14 x 70mm long	
7	301200061	1	Gear, Annulus Ring	
8	301200095	1	Circlip, Internal Square Section	
9	301200045	1	Carrier, Planetary Hub	
10	301200010	4	Circlip	
11	301200030	1	Pad, Thrust	
12	301200415	2	Bolt, Coated	
13	301200135	1	O-Ring	
14	301200110	1	Plug, Magnetic, M22 10mm Drive	
15	301200025	4	Gear, Planet and Bearing Assembly	
16	350000190	10	Stud, 3.25", PD70 Hub	
17	301200031	1	Circlip, External	
	350000151		Planetary Hub	
	K65000056		Planetary Hub, Complete	All components back to the yoke.
	N/A	1	Grease, High Pressure	

120 to 160" Adjustable Rear Axle 50" Crop Clearance

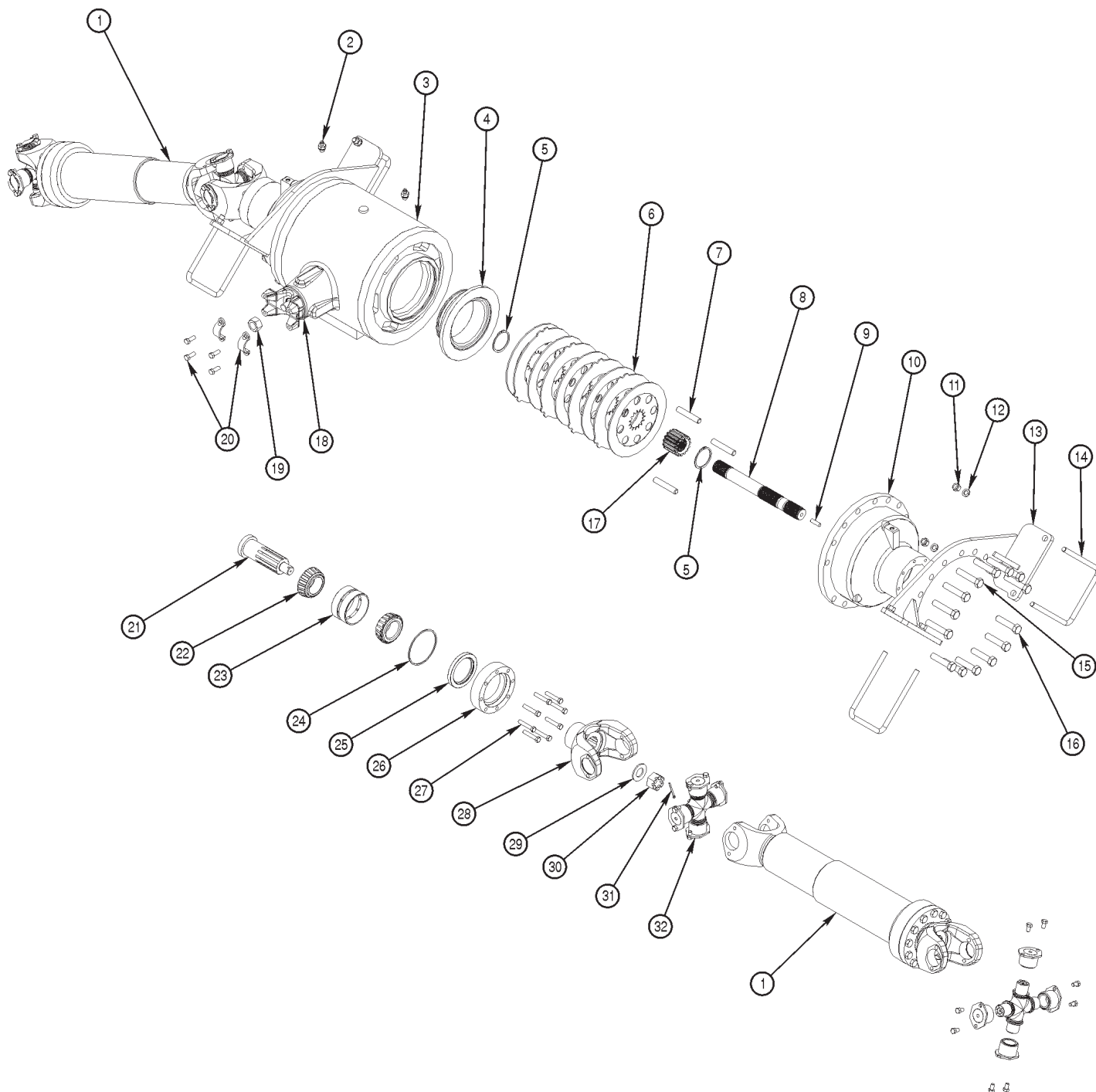
All Models



Item	Part Number	Qty	Description	Comments
1	350000170	2	Drop Box assembly	50" CC Machines
2	915003010	8	Zerk, 1/4-28 NPT Straight	
3	100105221	1	Axle, Rear Center 50" CC	
4	900007040	24	Bolt, HHCS 1"-8 x 2 1/2"	
5	901002090	24	Nut, Jam 1"-8	
6	100105244	8	Clamp Plate, Threaded	
7A	100105134	8	Clamp Wedge Block casting	Manual Adjust
7B	100105144	8	Clamp Wedge Block casting	Adjust on the go
8	100200009	8	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
9	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
10	100000317	4	Locking Bar, 120"-160"	
11	901003075	4	Nut, Nylock 3/4-16 ZP	
12	901003040	4	Nut, Nylock 1/2"-13	
13	900003270	4	Bolt, HHCS 1/2-13 x 2"	
14	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
15	351001018	2	Drive shaft, 120" - 160" 50" CC	
16	901003075	8	Nut, Nylock 3/4-16 ZP	
17	100105224	2	Axle, Rear Male 50" CC	
18	900006655	8	Bolt, HHCS 3/4-16 x 4 G5 ZP	
19	100200013	8	Wear Pad, Male Slider	

Rear Differential with Adjustable Drive Shaft

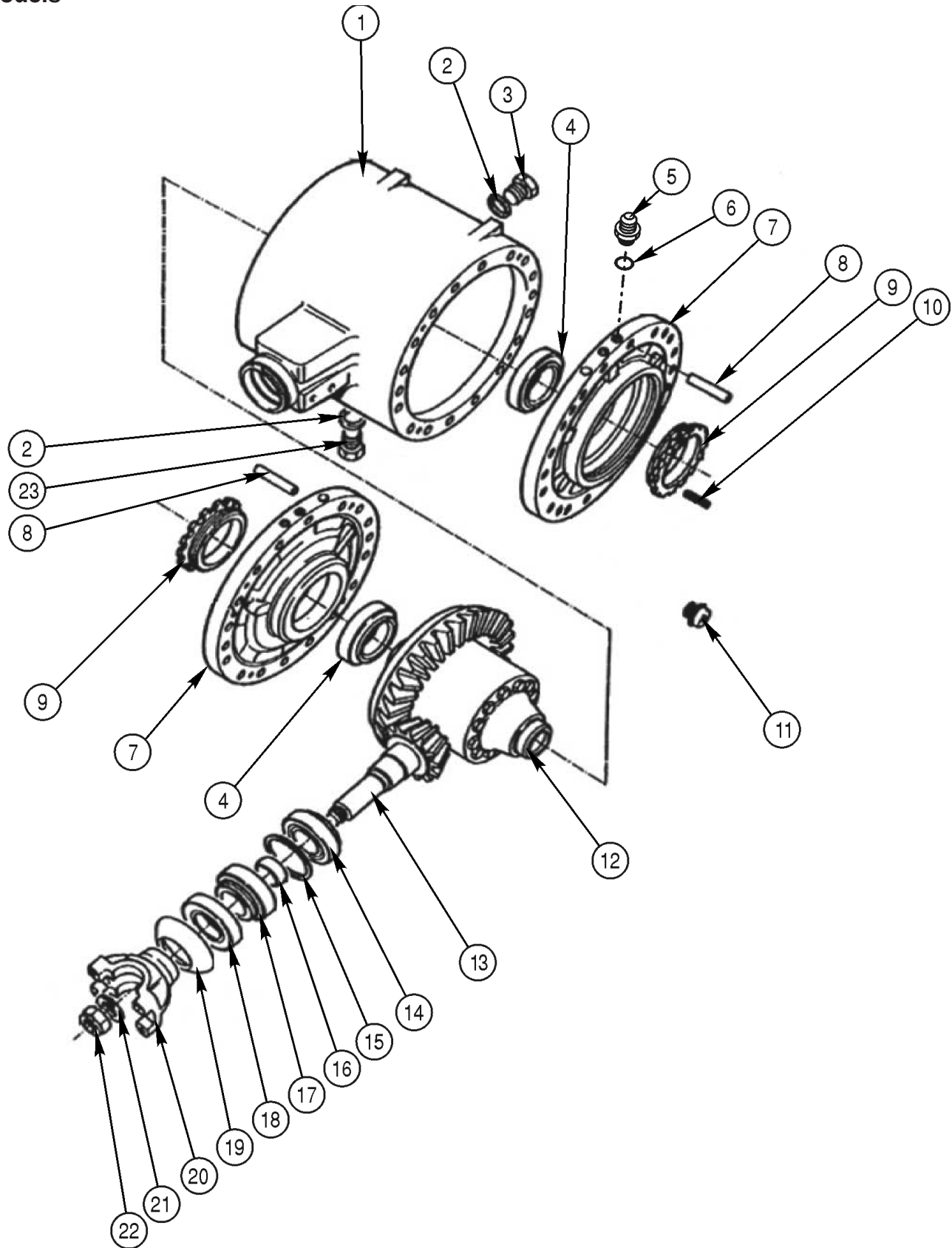
All Models



Item	Part Number	Qty	Description	Comments
1A	351001013	2	Driveshaft, 42" CC Fixed	AS720 and AS1020
1B	351001016	2	Driveshaft, 50" CC Fixed	All Models
1C	351001017	2	Driveshaft, 42" CC 120-160	AS720 and AS1020
1D	351001018	2	Driveshaft, 50" CC 120-160	All Models
2	800302172	2	Fitting, Brake line 4 FLM x 12 mm	Washer, O-ring for fitting 800403954
3	350000153	1	Center Differential Only	AS720
3A	350000140	1	Center Differential Only	AS1020 and AS1220
4	301200256	2	Piston, Brake JCB Rear Differential	Seals for piston 301200250 (large) 301200251 (small)
5	301200345	4	Circlip, External	
6A	350000155	2	Brake Kit	Includes Carrier, Circlips, friction and counter plates
6B	300000718	12	Counter Plate, Brake	Included in Brake kit
6C	300000719	10	Friction Plate, Brake	Included in Brake kit
7	301200325	6	Reaction Pin	
8	351000401	2	Axle, Splined Shaft, Differential	12-3/4"
9	904303010	2	Dowel Pin 3/8 x 1 1/4	Used in end of axle shaft
10	351000601	2	Brake Housing	
11	901003040	8	Nut, Nylock 1/2-13	
12	902201100	8	Washer, Lock 1/2	
13	100105120	2	Support, Differential	
14	915002562	4	Axle U-Bolt 1/2-13 x 8	
15	900002359	16	Bolt, M16 x 2.0 x 80 Grade 8.8	Through differential support and brake housing
16	900002358	12	Bolt, M16 x 2.0 x 70 Grade 8.8	Through brake housing and into differential only
17	301200340	2	Carrier, Brake Plate	
18	301200210	1	Yoke, Rear Axle pinion	M30
19	301200316	1	Stake Nut, Rear Pinion	M30
20	301100200	1	U-Strap Kit	301100300 U-Joint
21	351000800	2	Internal/External Splined Shaft	
22	351000701	4	Bearing	
23	351000702	2	Race	Holds 2 of 351000701
24	351000704	2	O-ring	Used behind bearing cap
25	351000703	2	Oil Seal	
26	351000700	4	Cap, Bearing	
27	900005565	16	Bolt, HHCS 3/8-24 x 2"	
28	350000700	2	Yoke, Splined	
29	100106022	2	Washer, 3/16" Thick Spindle	
30	100106023	2	Nut, Castle 1-14	
31	100106021	2	Cotter Pin	
32	350000600	4	U-Joint Kit	
	K65000044		Rear Differential Complete	AS720
	K65000214		Rear Differential Complete	AS1020 and AS1220

Differential

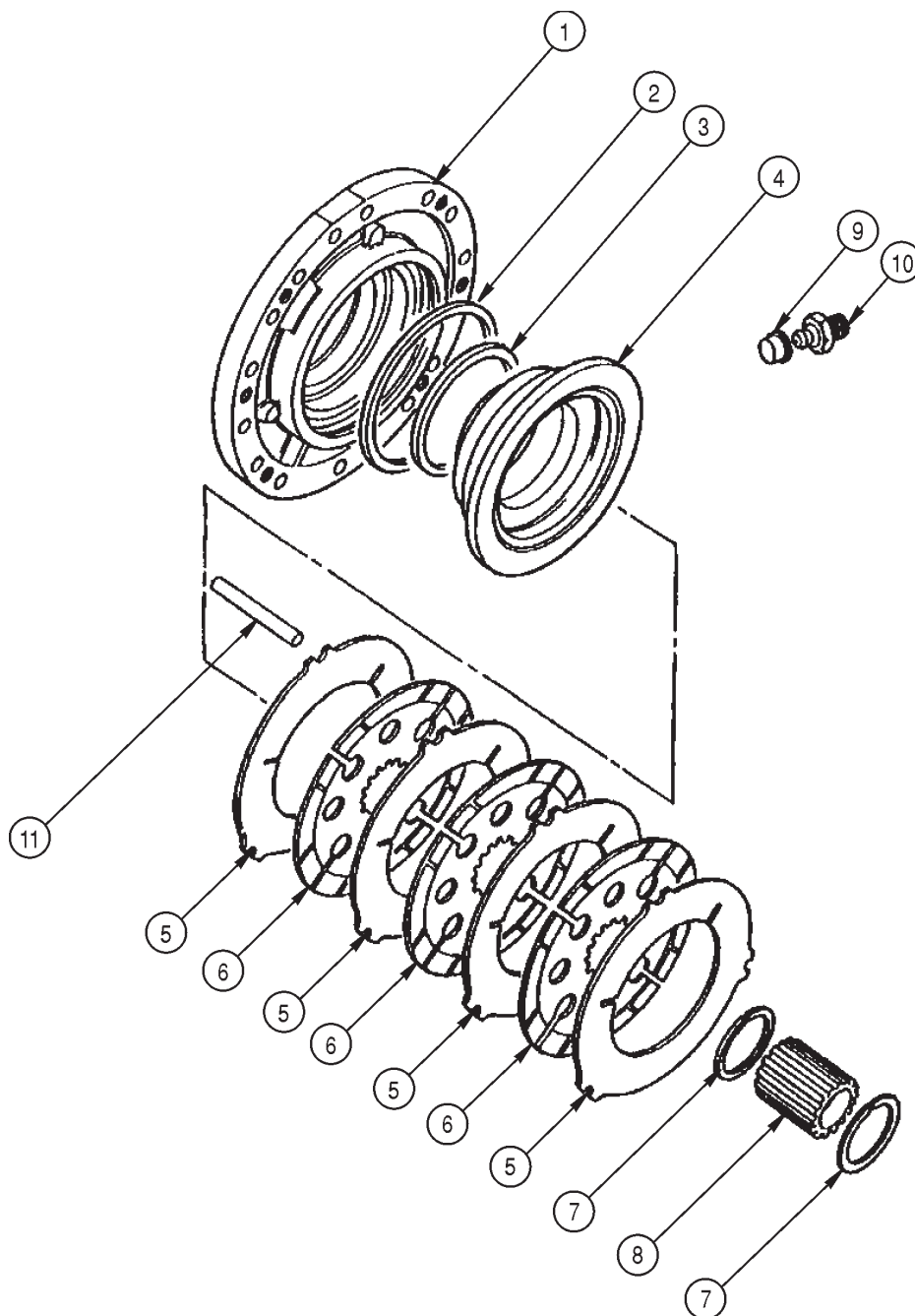
All Models



Item	Part Number	Qty	Description	Comments
1	301200255	1	Casing Differential JCB	
2	301200240	2	Seal, Bonded 3/4" BSP	
3	301200235	1	Plug, Filler	
4	301200295	2	Bearing, Taper Roller	
5	800302172	2	Fitting, Brake Line 4 FLM x 12 mm	Fitting for the brake hose that runs from hard lines
6	800403954	2	O-ring, Brake Line Fitting	
7	300000717	2	Housing, Brake Piston	
8	300000728	4	Dowel	
9	300000729	2	Nut, Side Differential	
10	300000730	2	Pin, Tension	
11	300000731	8	Capscrew	
12	300000721	1	Inner Differential, Limited Slip Assembly.	
13	301200285	1	Crown Wheel and Pinion, 11T/37T	Used in Low Speed Differential on 170HP and lower
14	301200300	1	Bearing, Inner Pinion	
15	301200305	1	Shim Kit	
16	301200190	1	Spacer, Collapsible	Solid Spacers also available but require special tool
17	301200195	1	Bearing, Taper Roller, Outer Pinion	
18	301200200	1	Seal, Pinion	
19	N/A	1	Cap	No longer used, Incorporated into the Yoke
20	301200210		Yoke, Pinion, M30	Fits larger pinion
21	NSS	1	Washer	Included with the Stake Nut, One Part
22	310200316		Nut, Stake and Washer, M30	Fits larger pinion
23	301200245	1	Plug, Magnetic Drain, 3/4" BSP	

Differential Brake Assembly

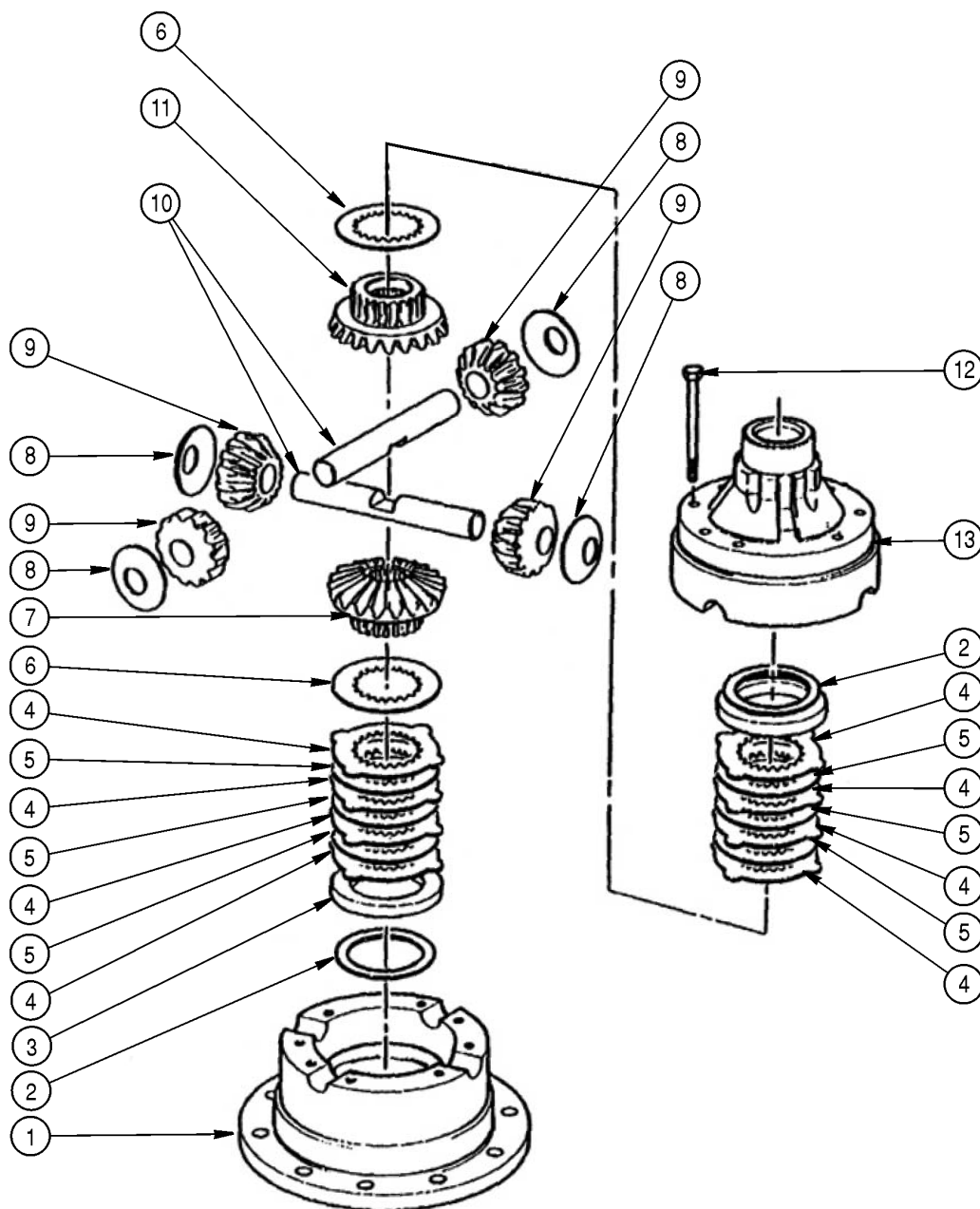
All Models



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

Differential (Limited Slip)

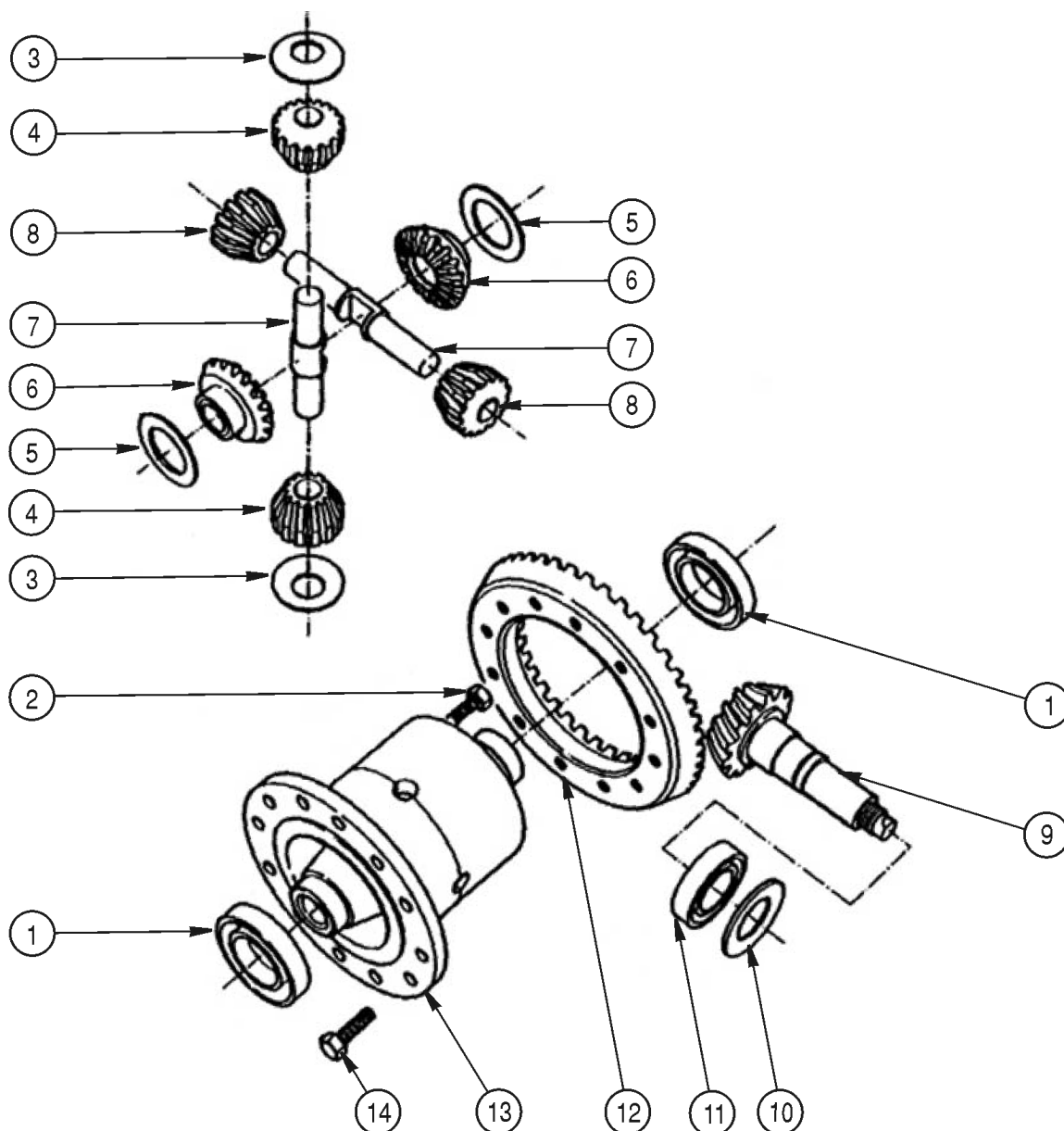
All Models



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

Differential Input

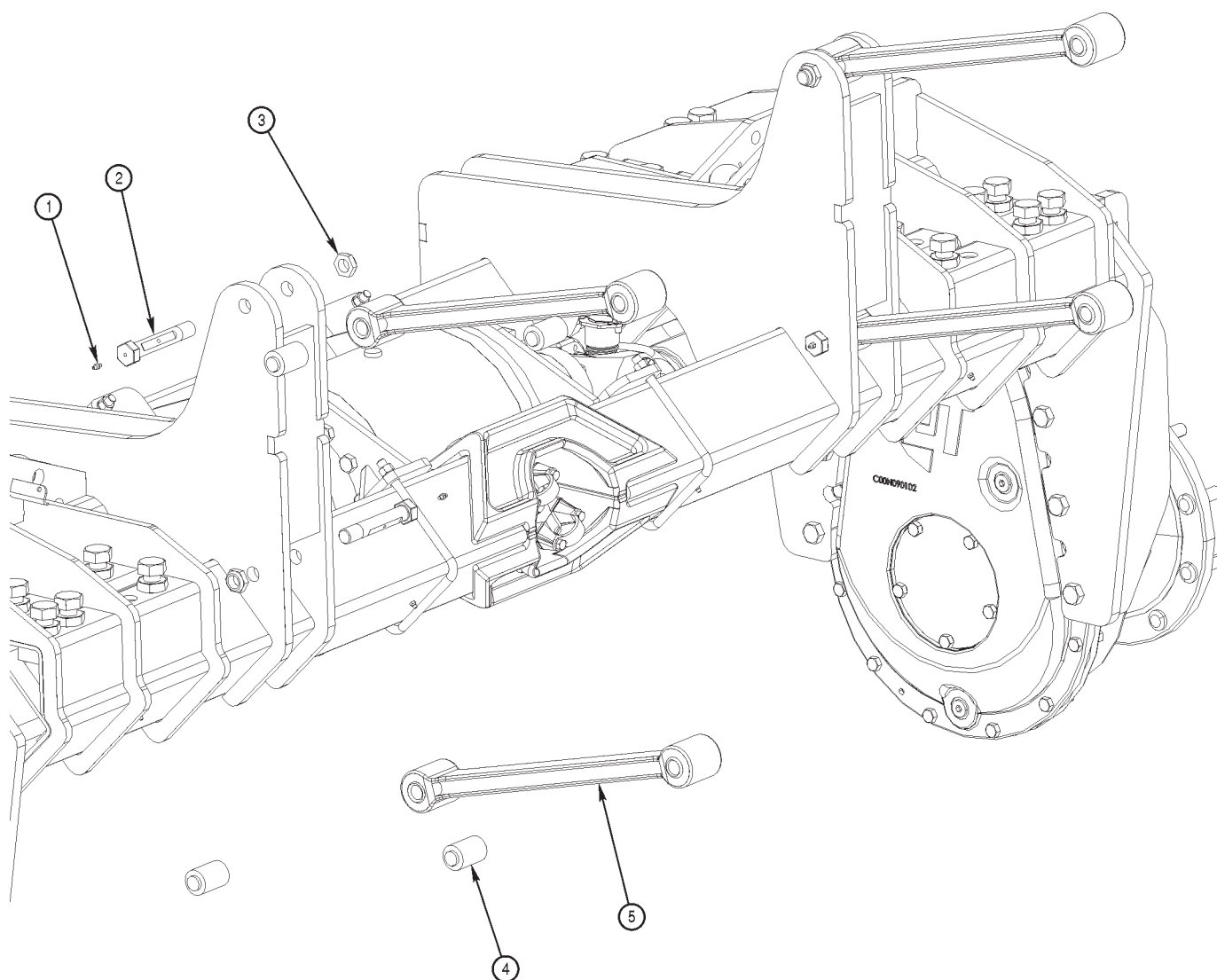
All Models



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

Torque Arms

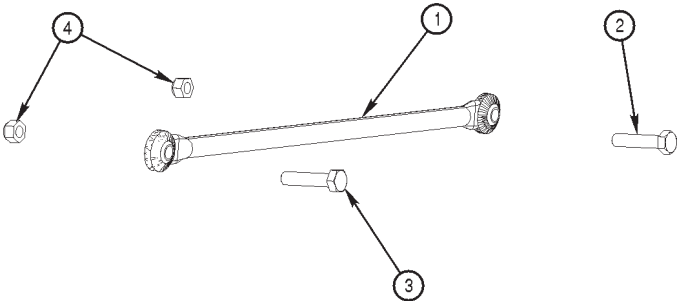
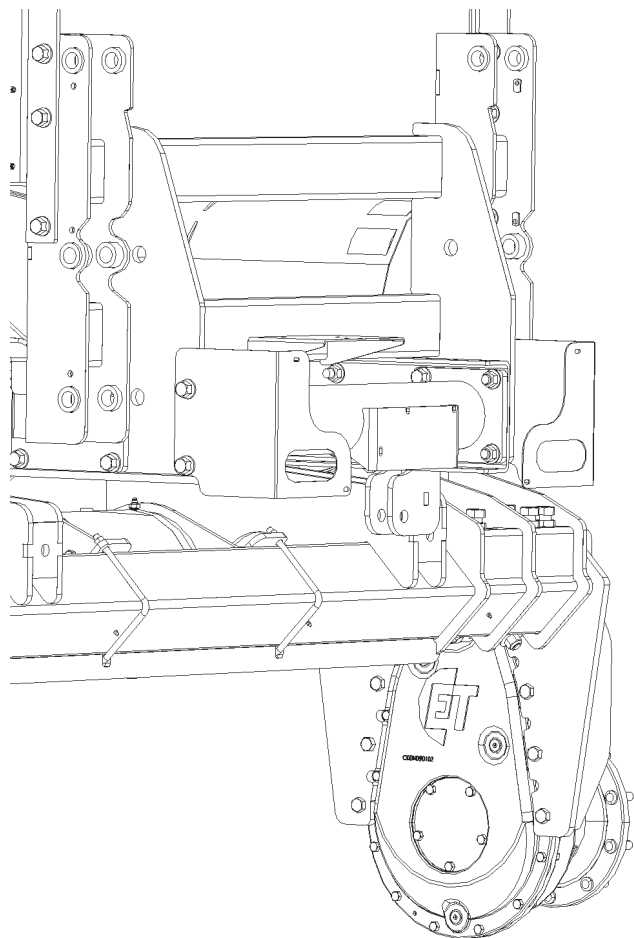
All Models



Item	Part Number	Qty	Description	Comments
1A	915003010	7	Zerk, 1/4-28 NPT Straight	
1B	915003011	1	Zerk, 1/4-28 NPT 90 DEG	
2	906501101	8	Pin, 7/8" Greasable, Torque Arm	
3	901003086	8	Nut, Jam Nylock 7/8-14 ZP	
4	100100306	8	Bushing, Torque Arm	
5	100100305	2	Torque Arm without Bushings	
	K65000176	8	Torque Arm, Complete Assembly	See Parts Bulletin 2010 #10-03.

Tracking Bar

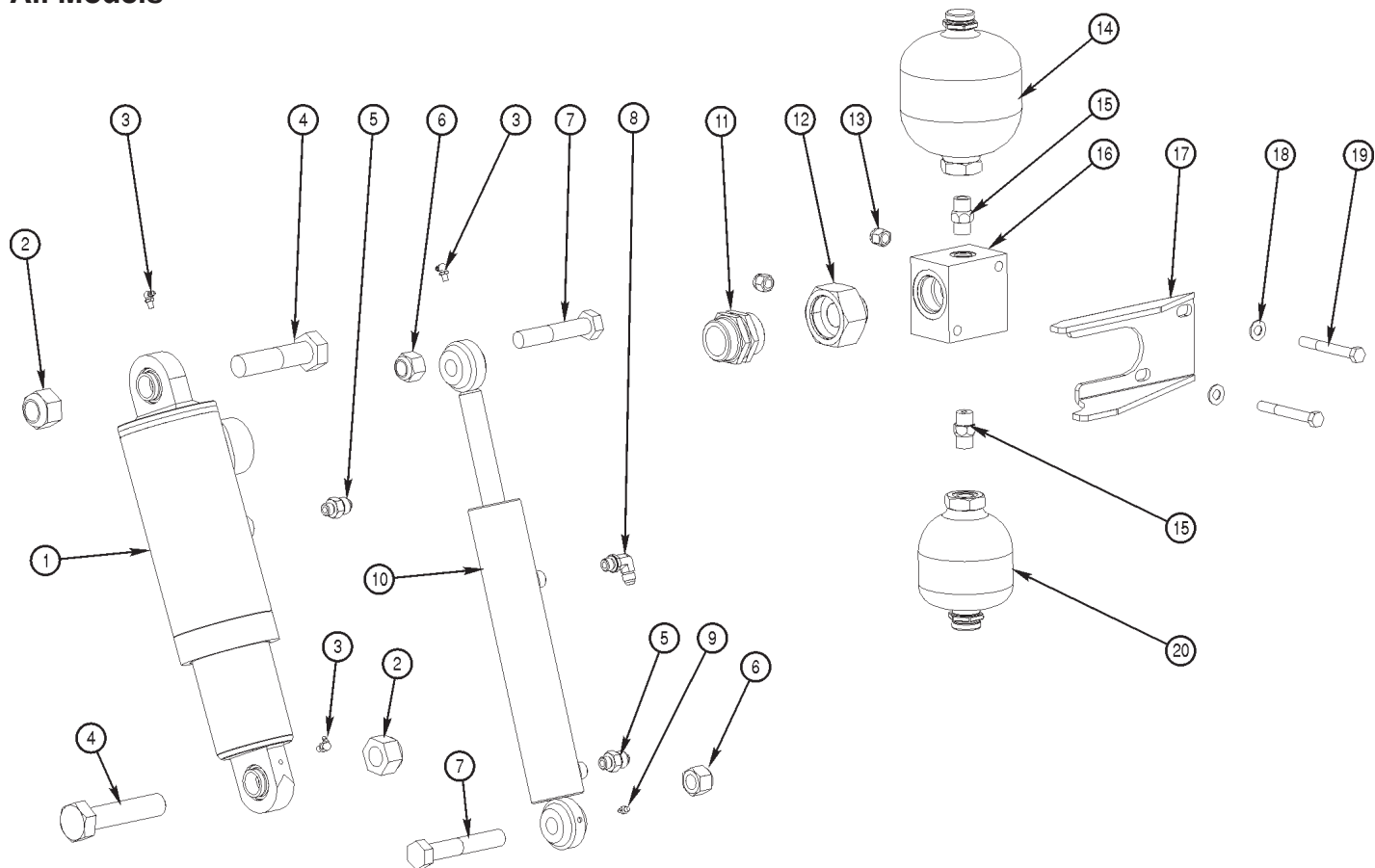
All Models



Item	Part Number	Qty	Description	Comments
1	100108071	1	Tracking Bar	
2	900012335	1	Bolt, HHCS 1-14 x 4 1/2" G5 ZP	
3	900012336	1	Bolt, HHCS 1-14 x 3 1/2" G5 ZP	
4	901003095	2	Nut, Nylock 1-14 ZP	

Rear Suspension

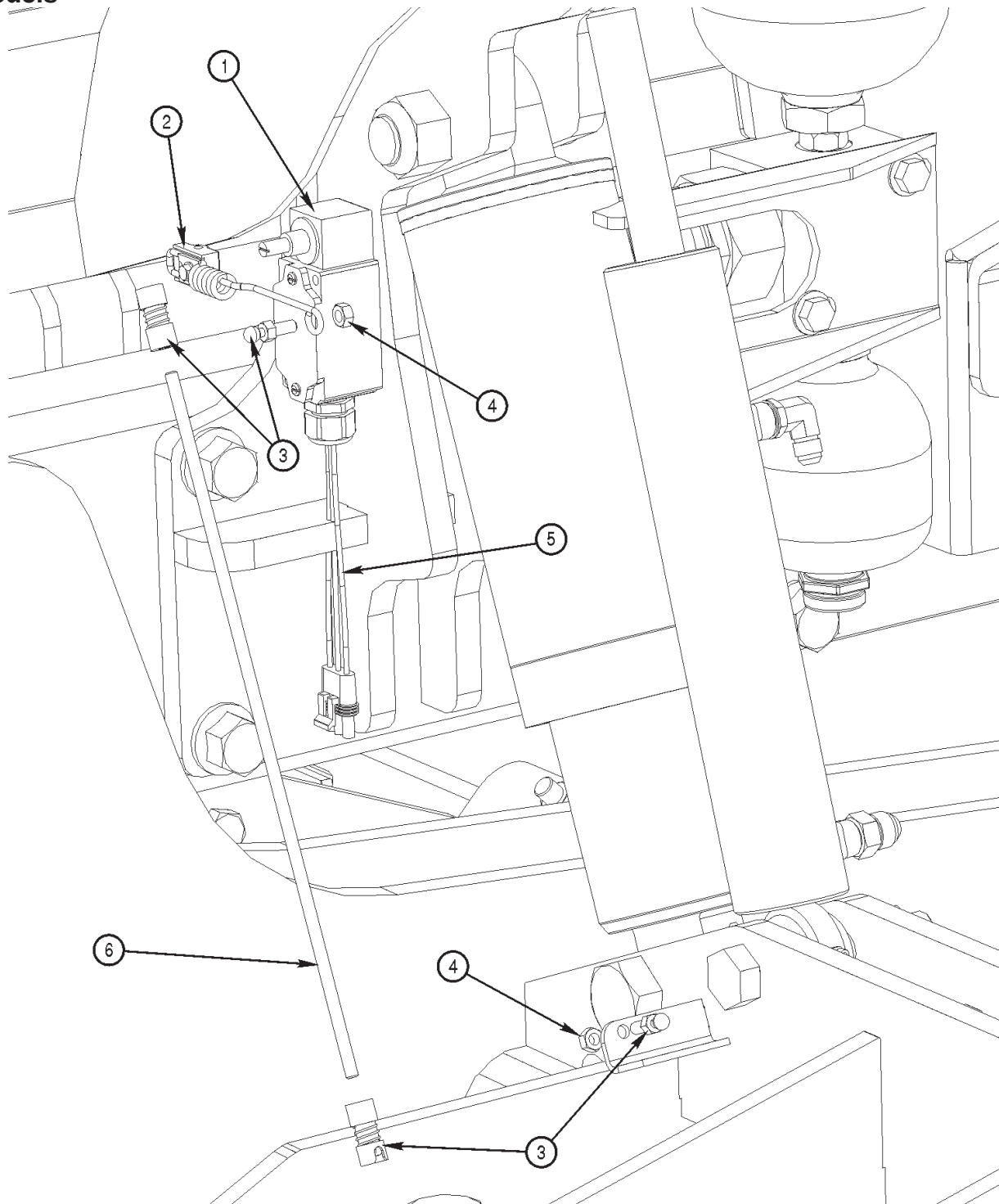
All Models



Item	Part Number	Qty	Description	Comments
1	100106063	2	Cylinder, Rear Ram 4.00"	Seal Kit # 100106065
2	901003095	4	Nut, Nylock 1-14 ZP	
3	915003011	6	Zerk, 1/4-28 NPT 90	
4	900007048	4	Bolt, HHCS 1-14 x 4" G5 ZP	
5	800405000	4	Fitting, 8 FLM x 6 ORM ST	
6	901003075	4	Nut, Nylock 3/4-16	
7	900006655	4	Bolt, HHCS 3/4-16 x 4 G5 ZP	
8	800404215	2	Fitting, 6 FLM x 6 ORM 90	
9	915003010	2	Zerk 1/4-28 NPT Straight	
10	100106052	2	Cylinder,Suspension load leveling	Seal Kit # 100106056
11	800302190	2	Fitting, 24 ORM x 24 ORM ST	
12	800302136	2	Fitting, 20 M-ORB x 24 F-ORB	
13	902201108	4	Nut, Nylock 7/16-14	
14A	100106155	2	Accumulator, Rear, 60 CU IN	450 psi for AS720 and AS1020
14B	100106156	2	Accumulator, Rear, 60 CU IN	500 psi for AS1220
15	810000045	4	Throttle Valve with 0.125 Orifice	
16	810000044	2	Manifold, Dual Rear Accumulator	
17A	810000047	1	Bracket, Rear Accumulator R/H, Anti-sway	
17B	810000048	1	Bracket, Rear Accumulator L/H, Anti-sway	
18	902003200	4	Washer, Flat 3/8"	
19	902201107	4	Bolt, HHCS 7/16-14 x 3 1/2	
20A	100106157	2	Accumulator, Rear, 30 CU IN	400 psi for AS720 and AS1020
20B	100106158	2	Accumulator, Rear, 30 CU IN	450 psi for AS1220
	810000046	2	Manifold Assembly with Accumulator Rear Suspension	

Suspension Leveling

All Models



Item	Part Number	Qty	Description	Comments
1A	700300080	1	Leveling Switch (Switch only)	
1B	K65000123	1	L/H Leveling Switch Assembly	Includes wiring L/H Pigtail 700300083
1C	K65000124		R/H Leveling Switch Assembly	Includes wiring R/H Pigtail 700300082
2	700300081	1	Switch Arm, rear Suspension	
3	390000800	2	Ball Joint, 40 Series	
4	901003005	2	Nut, Nylock 1/4-28	
5A	700300083	1	L/H Leveling Switch Pigtail	
5B	700300082		R/H Leveling Switch Pigtail	
6	100108080	1	Rod, Adjusting Leveling 1/4-28	

Floatation Tires

All Models

Semi-Float



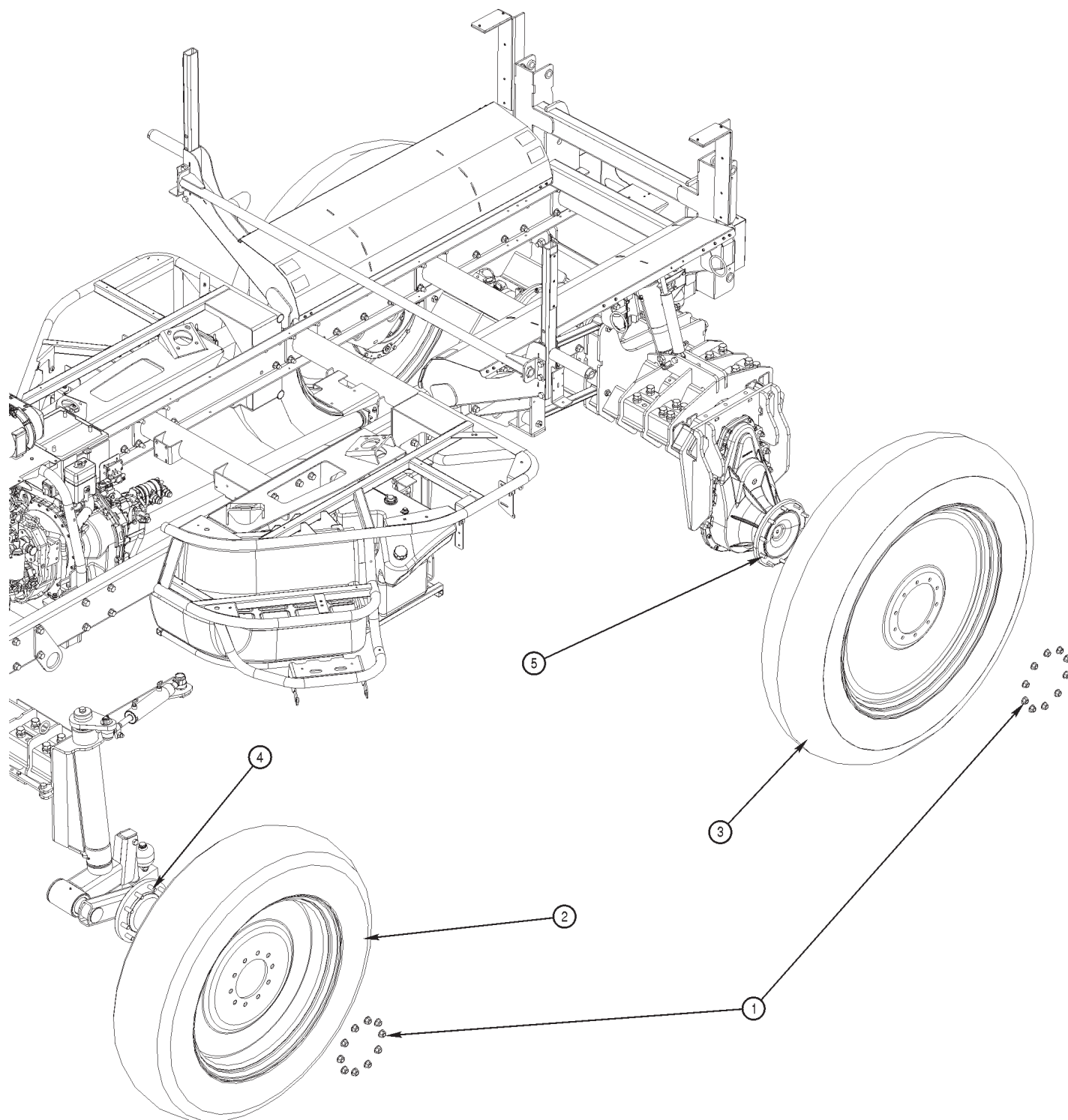
Full-Float



Kit Number	Description	Models
K65000079	REAR, SEMI-FLOATATION TIRE SIZE 520/85R46	AS720 and AS1020 with 42" CC
K65000080	FRONT, SEMI-FLOATATION TIRE SIZE 480/70R34	All Models
K65000081	REAR, SEMI-FLOATATION TIRE SIZE 520/85R46	All Models with 50" CC
K65000082	FRONT, FULL FLOATATION TIRE SIZE 23.1x26R-3	All Models
K65000083	REAR, FULL FLOATATION TIRE SIZE 30.5x32R-3	All Models with 50" CC
All the above kits include two tires mounted to rims, new wheel studs, and lug nuts.		

Tires

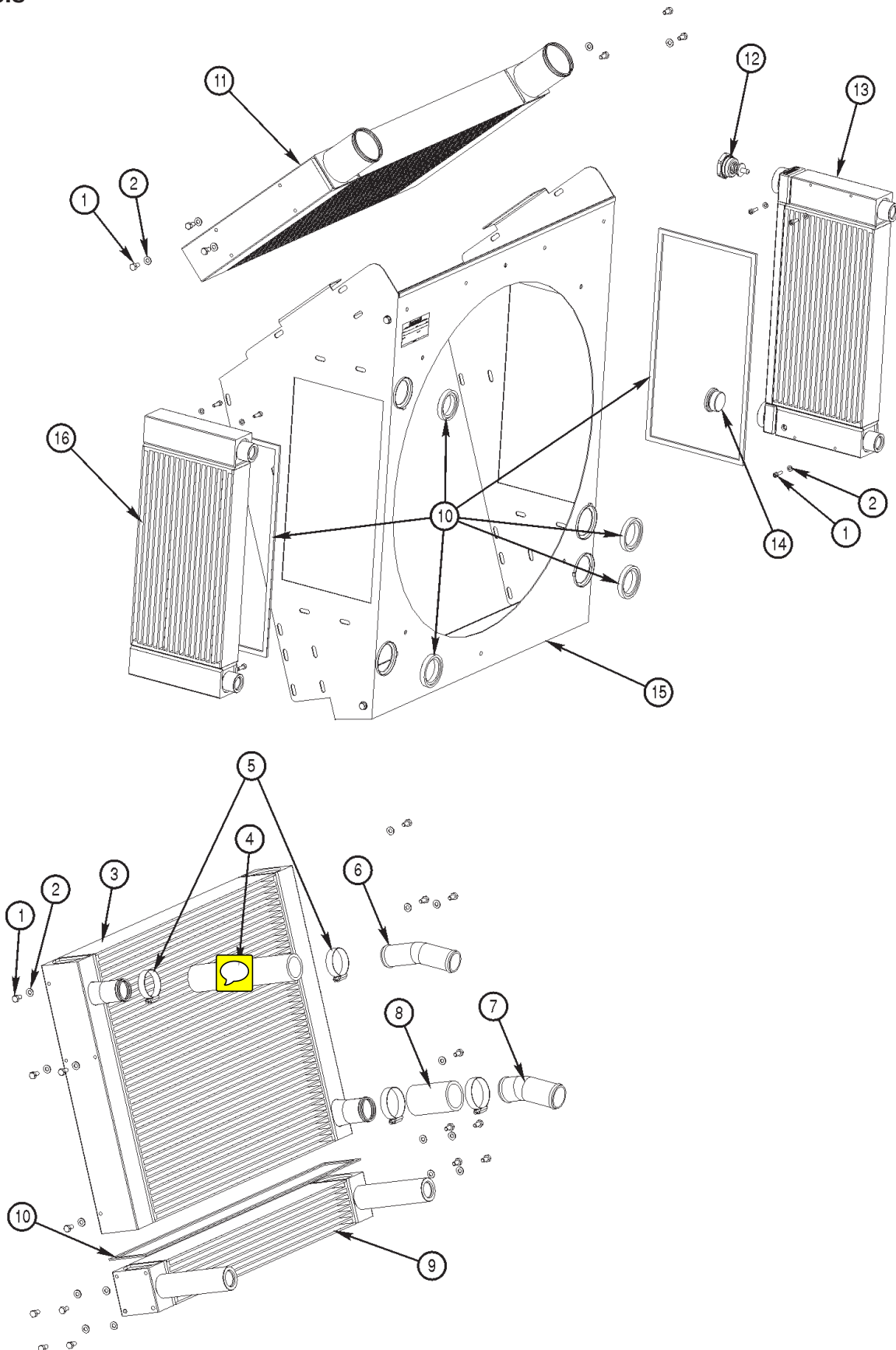
All Models



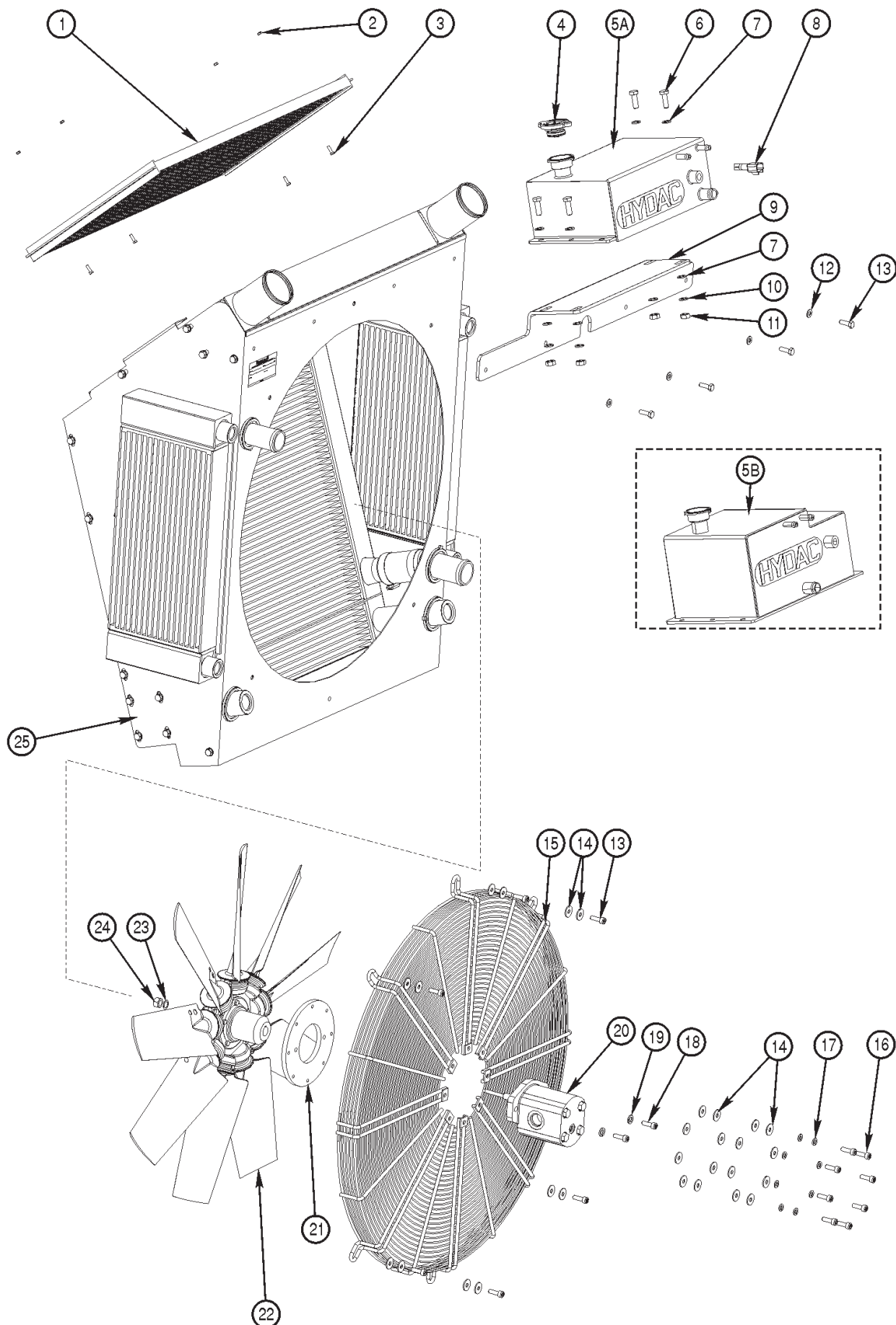
Item	Part Number	Qty	Description	Size	Comments
1A	900100038	40	Nut, Lug Euclid 3/4-16 with cone		
1B	900100037	20	Nut, Lug, Flange Cap 3/4-16 ZP		
FRONT TIRE OPTIONS					
2A	500100981	1	Tire Set, 38" Front	380/80R38 Radial	All Models
2B	500100981L	1	L/H Tire and Wheel	380/80R38 Radial	All Models
2C	500100981R	1	R/H Tire and Wheel	380/80R38 Radial	All Models
2D	500100152	2	Tire Only, 380/80R38 Radial		All Models
2E	500100010	2	Wheel Only, 38" x 12"		All Models
2F	500100982	1	Narrow Tire Set, 38" Front	320/85R38 Radial	All Models
2G	500100982L	1	Narrow L/H Tire and Wheel	320/85R38 Radial	All Models
2H	500100982R	1	Narrow R/H Tire and Wheel	320/85R38 Radial	All Models
2I	500100186	2	Tire Only, 320/85R38 Radial		All Models
2J	500100861	2	Narrow Wheel Only, 38" x 10"		All Models
REAR TIRE OPTIONS					
3A	500100984	1	Tire Set, 46" Rear Standard	380/90R46 Radial	AS720
3B	500100984L	1	L/H Tire and Wheel	380/90R46 Radial	AS720
3C	500100984R	1	R/H Tire and Wheel	380/90R46 Radial	AS720
3D	500100177	2	Tire Only, 380/80R38 Radial		AS720
3E	500100860	2	Wheel Only, 46" x 12"		AS720
3F	500100985	1	Tire Set, 46" Rear Heavy Duty	380/90R46 Radial	AS1020 and AS1220
3G	500100985L	1	L/H Tire and Wheel	380/90R46 Radial	AS1020 and AS1220
3H	500100985R	1	R/H Tire and Wheel	380/90R46 Radial	AS1020 and AS1220
3I	500100177	2	Tire Only, 380/80R38 Radial		AS1020 and AS1220
3J	500100865	2	Wheel Only, 46" x 12"		AS1020 and AS1220
3K	500100986	1	Narrow Tire Set, 50" rear	320/90R50 Radial	All Models
3L	500100986L	1	Narrow L/H Tire and Wheel	320/90R50 Radial	All Models
3M	500100986R	1	Narrow R/H Tire and Wheel	320/90R50 Radial	All Models
3N	500100184	2	Tire Only, 320/90R50 Radial		All Models
3O	500100854	2	Narrow Wheel Only, 50" x 10"		All Models
FRONT STUDS					
4	900003799	20	Stud, Front Wheel Hub		
REAR STUDS					
5A	350000188	20	Stud, 3.88", DB, HD Rims, with Duals		Used in Drop Boxes
5B	350000189	20	Stud, 2.75", Dual Spacer, HD Rims		Used in dual spacer for outboard tire
5C	350000190	20	Stud, 3.25" used with Planetary		Used in Planetary
	420306033	2	Decal, Wheel Torque 420 ft/lbs		

Cooling Package

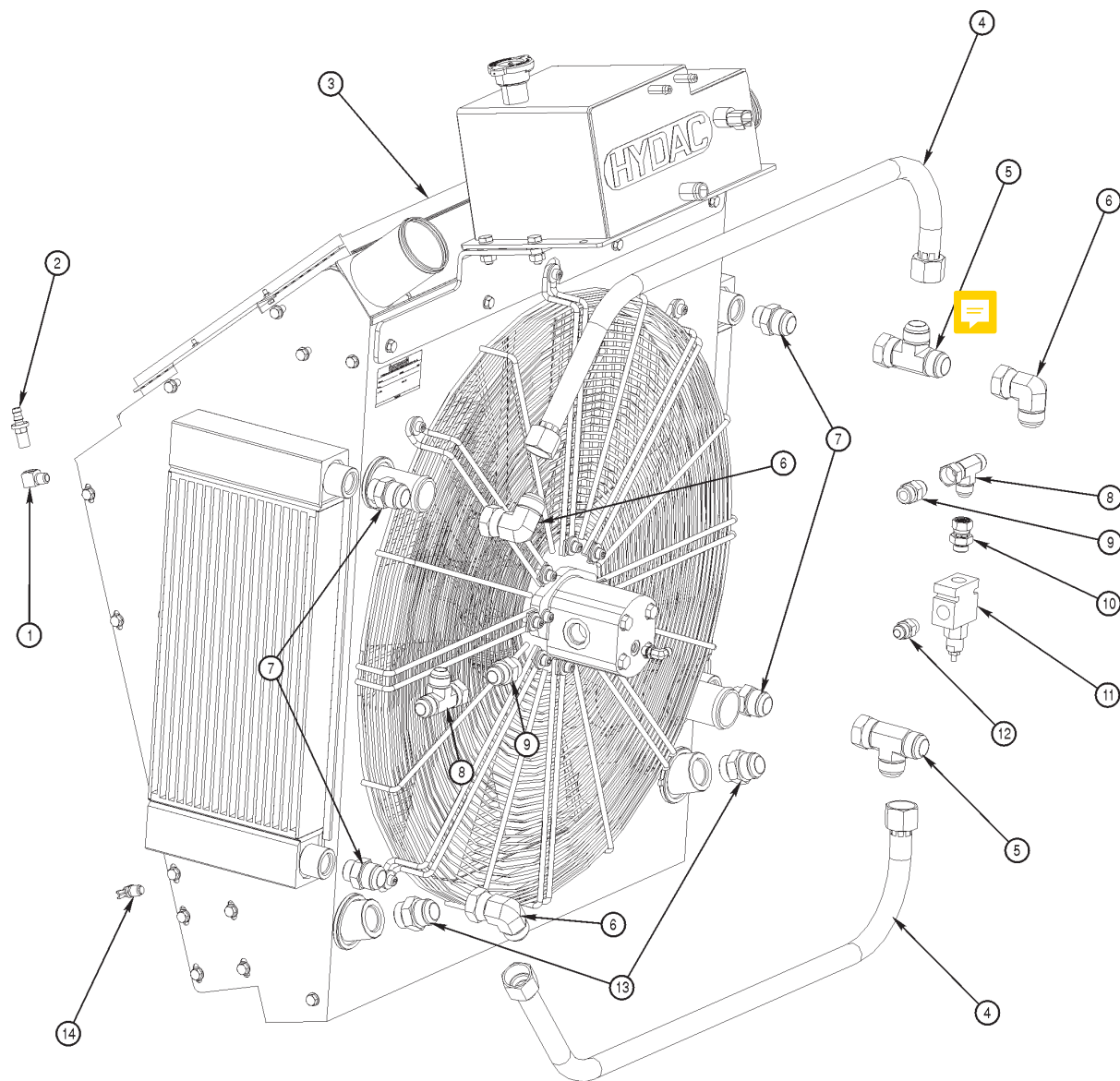
All Models



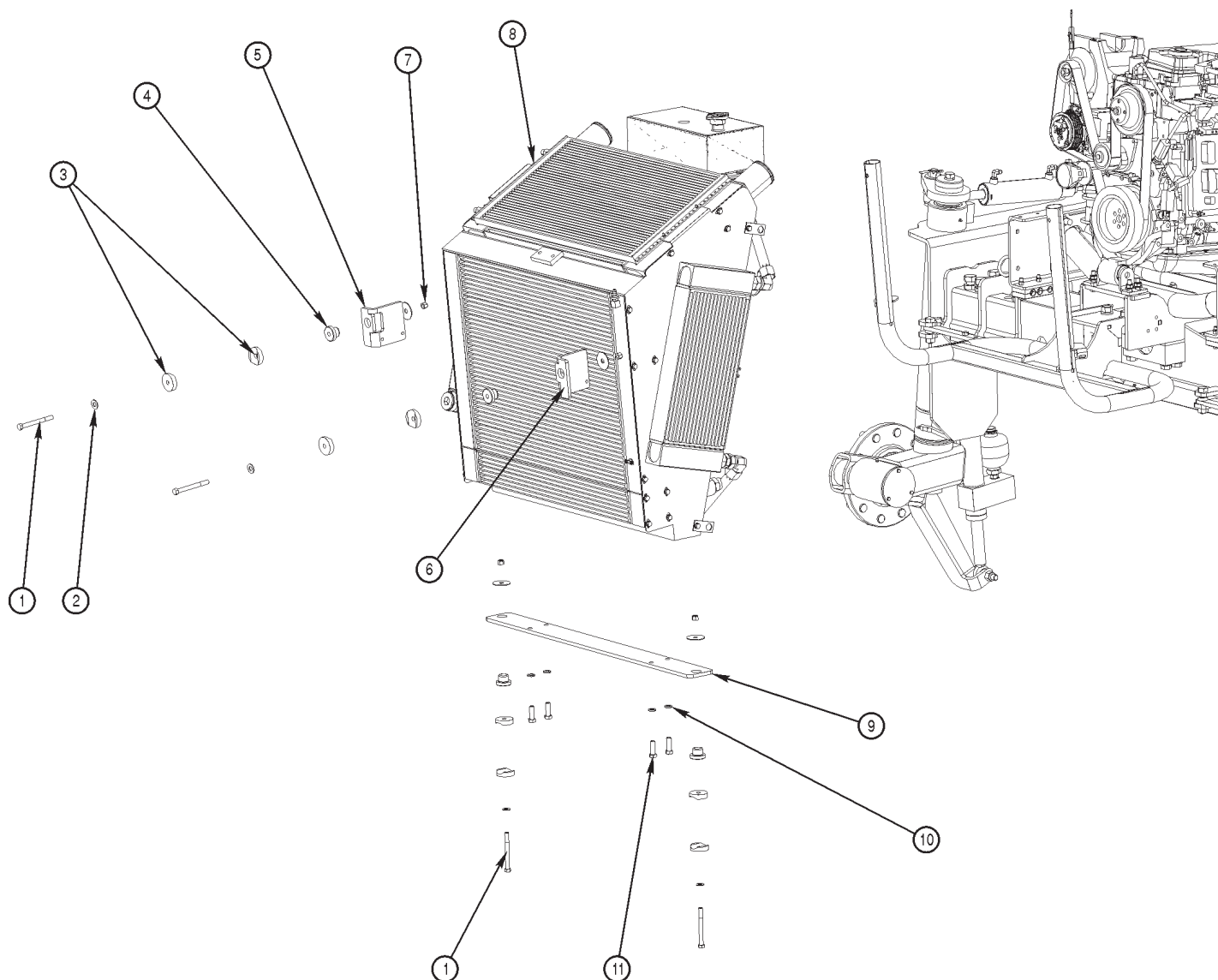
Item	Part Number	Qty	Description	Comments
1	900100304	A/R	Bolt, M8 x 16 G8	
2	900100303	A/R	Washer, Flat M8	
3	201200164	1	Radiator, Cooling Package	
4	201200165	1	Hose, 1.75 x 10 "	
5	915001303	8	Clamp, Screw #32 38-62 mm	
6	201200166	1	Pipe, 1.75" Angled Connector	
7	201200168	1	Pipe, 2" Angled Connector	
8	201200167	1	Hose, 2" x 4 "	
9	201200173	1	Cooler, Hydraulic	
10	490100000	A/R	Sponge, Rubber 1" W x 1/4"Thick	
11	201200174	1	Cooler, Charge Air	
12	201200171	1	Valve, Temperature Bypass	
13	201200170	1	Cooler, Transmission R/H	
14	201200172	1	Plug, Trans Cooler	
15	201200175	1	Housing, Cooling Package	
16	201200169	1	Cooler, Transmission L/H	
	420110010	1	Hose, A/C #8	Compressor to Condenser
	420110011	1	Hose, A/C #6	Condenser to Drier
	420110012	1	Hose, A/C #6	Drier to Evaporator
	420110013	1	Hose, A/C #10	Evaporator to Compressor
	420120001	1	Switch, A/C Binary	
	420120500	1	Drier, A/C	



Item	Part Number	Qty	Description	Comments
1	201200161	1	Condenser, Cooling Package	
2	901002900	4	Nut, Nylock 10-32	
3	900106534	4	Bolt, 10-32 x 3/4	
4	201200182	1	Cap, Expansion Tank, 16 PSI	
5A	201200181	1	Tank, Expansion	Configuration for sprayer serial number 9110152 and earlier.
5B	201200181	1	Tank, Expansion	Configuration for sprayer serial number 9110153 and later.
6	900100005	4	Bolt, HHCS M10 x 1.5 x 30	
7	902100101	8	Washer, Flat M10	
8	700100131	1	Sensor, Coolant Level	
9	201200180	1	Bracket, Expansion Tank	
10	902100100	4	Washer, Lock M10	
11	901100736	4	Nut, Hex M10 x 1.5	
12	900100303	4	Washer, Flat M8	
13	900108611	12	Bolt, SHCS M8 x 1.25 x 24	
14	900100304	36	Washer, Flat 5/16" ZP	
15	201200178	1	Grill, Fan	
16	900100301	8	Bolt, HHCS M8 x 1.25 x 25	
17	900100302	8	Washer, Lock M8	
18	900108670	2	Bolt, SHCS M10 x 1.5 x 30	
19	902100100	2	Washer, Lock M10	
20	201200179	1	Fan Motor, Hydraulic	
21	201200177	1	Mount, Fan Motor	
22	201200176	1	Fan	
23	901000547	1	Machine Bushing, 1" x 0.610	
24	901000546	1	Nut, Nylock 1/2-20 G8	
25	201200175	1	Housing, Cooling Package	
	420110010	1	Hose, A/C #8	Compressor to Condenser
	420110011	1	Hose, A/C #6	Condenser to Drier
	420110012	1	Hose, A/C #6	Drier to Evaporator
	420110013	1	Hose, A/C #10	Evaporator to Compressor
	420120001	1	Switch, A/C Binary	
	420120500	1	Drier, A/C	



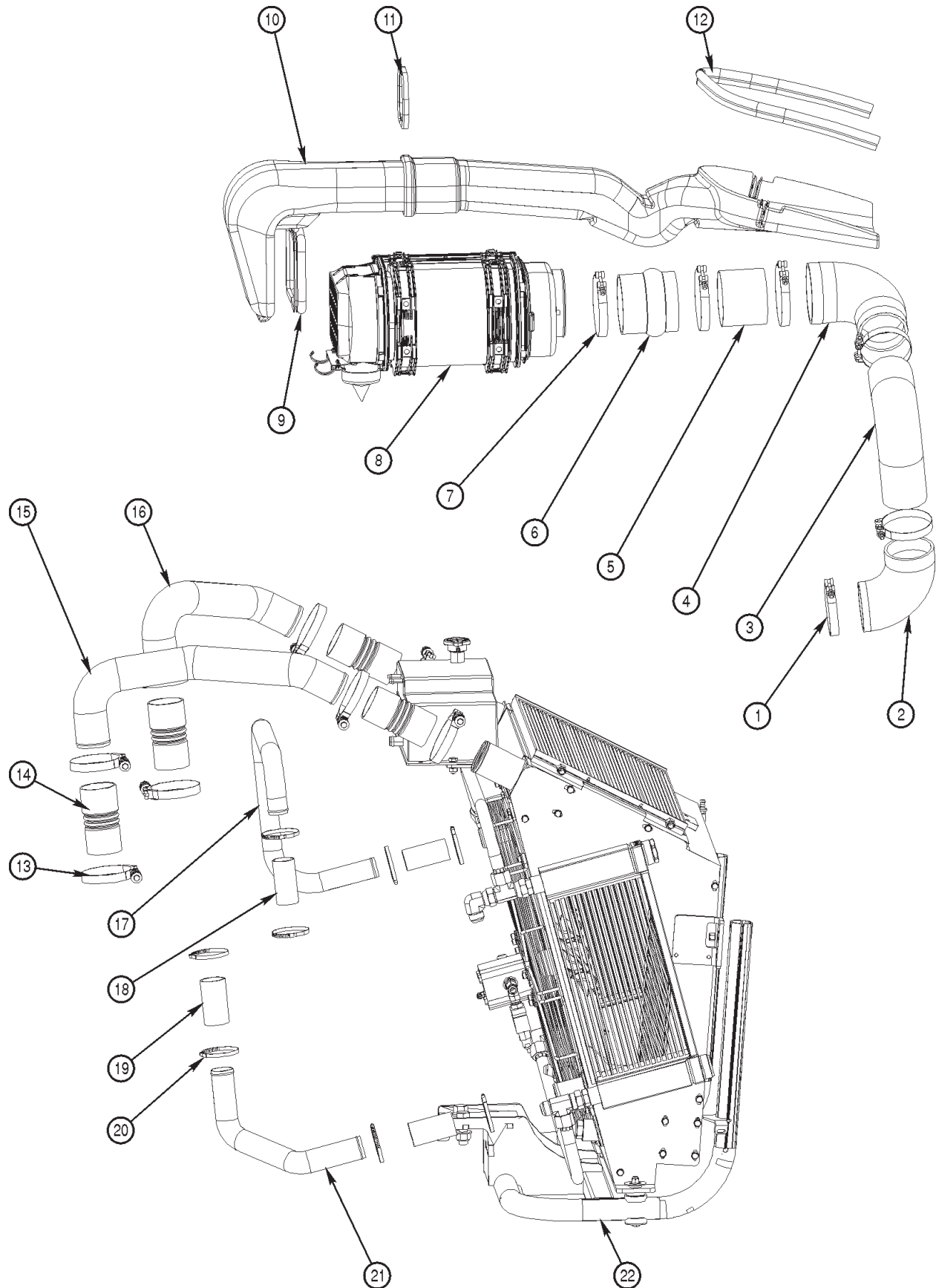
Item	Part Number	Qty	Description	Comments
1	800302137	1	Fitting, 90 Street Elbow 1/4 NPT	
2	800302161	1	Fitting, 4 PM x 6 HB	
3	201200160	1	Cooling Package, Hydac	
4	201200163	2	Tube, Cooler Crossover	
5	800501120	2	Fitting, Tee Run Swivel Nut Size 16	
6	800302134	3	Fitting, 16 FLF x 16 FLM 90	
7	800302133	4	Fitting, 16 FLM x 12 ORB	
8	800501070	1	Fitting, Tee Run Swivel Nut Size 10	
9	800302242	1	Fitting, 10 FLM x 10 ORM ST	
10	800302138	1	Fitting, 10 FLF Swivel x 8 ORB	
11	810000028	1	Valve, Pressure Relief Fan	
12	800302445	1	Fitting, 8 FLM x 8 ORM ST	
13	800302410	2	Fitting, 16 ORM x 16 FLM ST	
14	201200060	1	Petcock, Radiator 1/4 NPT	
	420110010	1	Hose, A/C #8	Compressor to Condenser
	420110011	1	Hose, A/C #6	Condenser to Drier
	420110012	1	Hose, A/C #6	Drier to Evaporator
	420110013	1	Hose, A/C #10	Evaporator to Compressor
	420120001	1	Switch, A/C Binary	
	420120500	1	Drier, A/C	



Item	Part Number	Qty	Description	Comments
1	902201109	4	Bolt, HHCS 7/16-14 x 5"	
2	902002050	8	Washer, Fender 1/2 x 2" ZP	ID 17/32" x OD 2"
3	201200147	8	Bushing, Radiator Support	
4	490002610	4	Isolator, Radiator	
5	201200149	1	Support upper R/H Radiator	
6	201200148	1	Support upper L/H Radiator	
7	902201108	4	Nut, Nylock 7/16-14	
8	201200160	1	Cooling Package	All Models
9	201200146	1	Support, Lower Radiator	
10	902201100	4	Washer, Lock 1/2"	
11	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
	420110010	1	Hose, A/C #8	Compressor to Condenser
	420110011	1	Hose, A/C #6	Condenser to Drier
	420110012	1	Hose, A/C #6	Drier to Evaporator
	420110013	1	Hose, A/C #10	Evaporator to Compressor
	420120001	1	Switch, A/C Binary	
	420120500	1	Drier, A/C	

Engine Intake Air and Cooling Piping

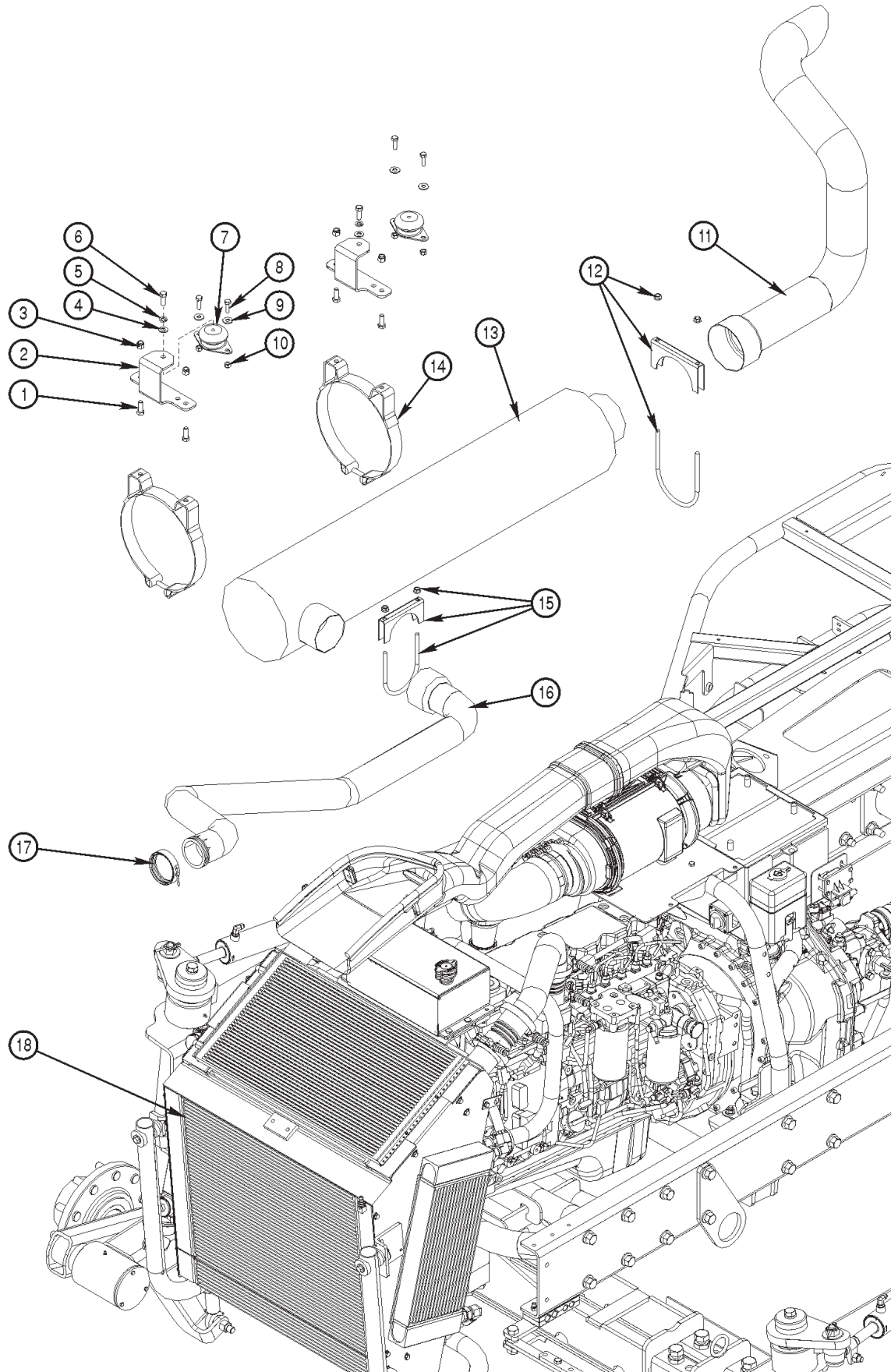
All Models



Item	Part Number	Qty	Description	Comments
1	201300001	3	Clamp, T-bolt 4" Dia.	
2	201300060	1	Elbow 90 DEG 4" Dia.	
3	201200144	1	Tube, Intake	
4	201300071	1	Elbow 90 DEG 5" - 4" Dia.	
5	201300123	1	Pipe, 5" Connector 4" Long	
6	201300124	1	Hose, Hump 5" Straight	
7	201300002	3	Clamp, T-bolt 5" Dia.	
8A	201300122	1	Air Cleaner, Donaldson 800 CFM	Primary Filter 201300116. Secondary Filter 201300117.
8B	201300108	1	Cover, Air Filter	Included with P/N 201300122
9	201300134	1	Seal, Intake Adapter	2.75 ft
10	201300129	1	Intake, Cold Air	
11	201300133	1	Seal, Intake Expansion	1.75 ft
12	201300132	1	Seal, Inlet Cowl	3.25 ft
13	201200008	8	Clamp, Nomex 3.00"	
14	201200007	4	Coupler, Nomex 3.00"ID 6" Long	
15	201200140	1	Tube, CAC Inlet	
16	201200141	1	Tube, CAC Outlet	
17	201200142	1	Tube, Radiator Upper	
18	520400104	1	Hose, 1.75" Silicone	Two 4" pieces are used
19	201199098	1	Hose, 2" Silicone	Two 4" pieces are used
20	915001303	8	Clamp, Screw #32 38-62 mm	
21	201200143	1	Tube, Radiator Lower	
22	201200145	1	Support Frame, Radiator	
	201300095	1	Indicator, Air Cleaner	Not Shown

Engine Exhaust Piping

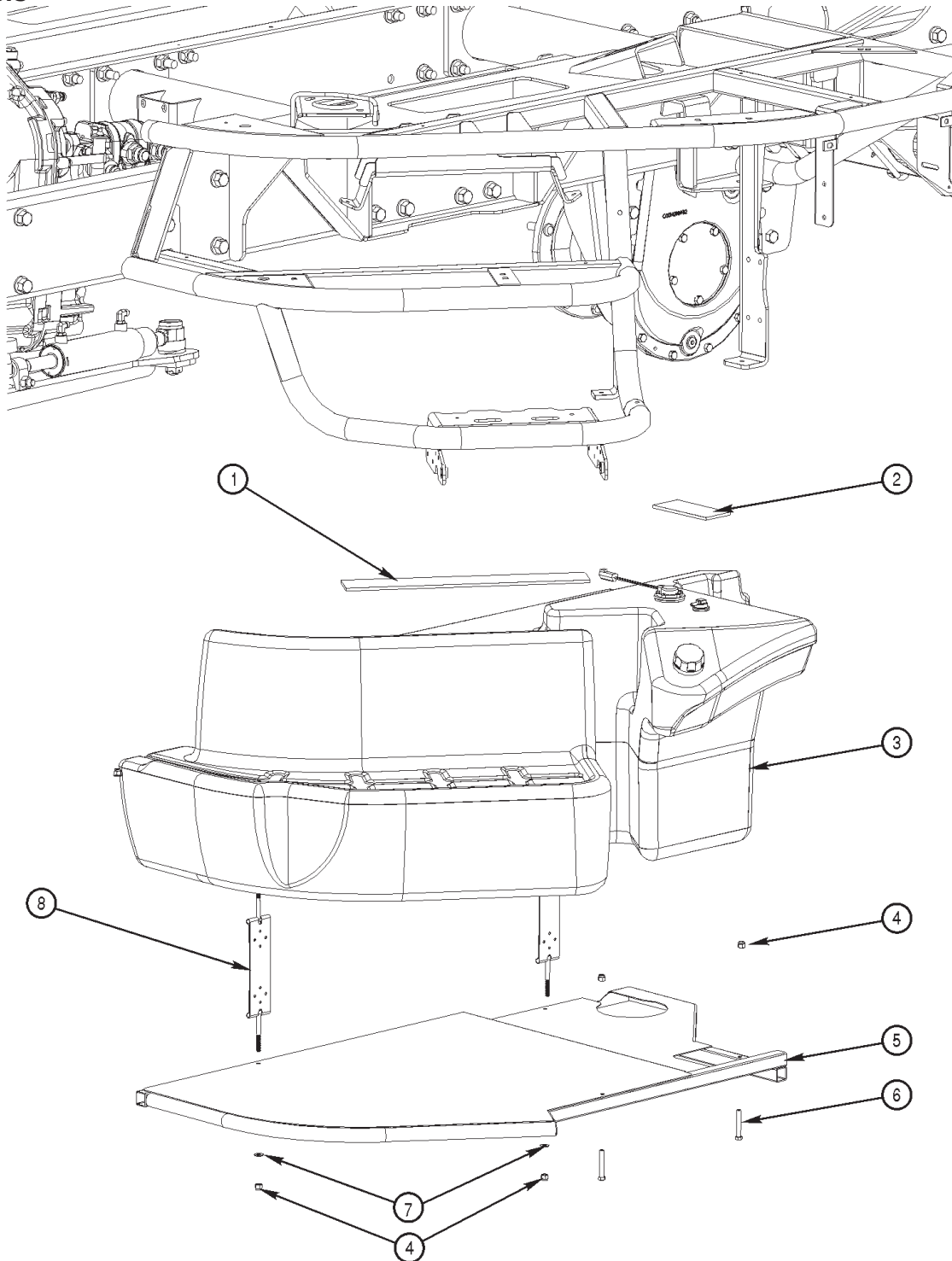
All Models



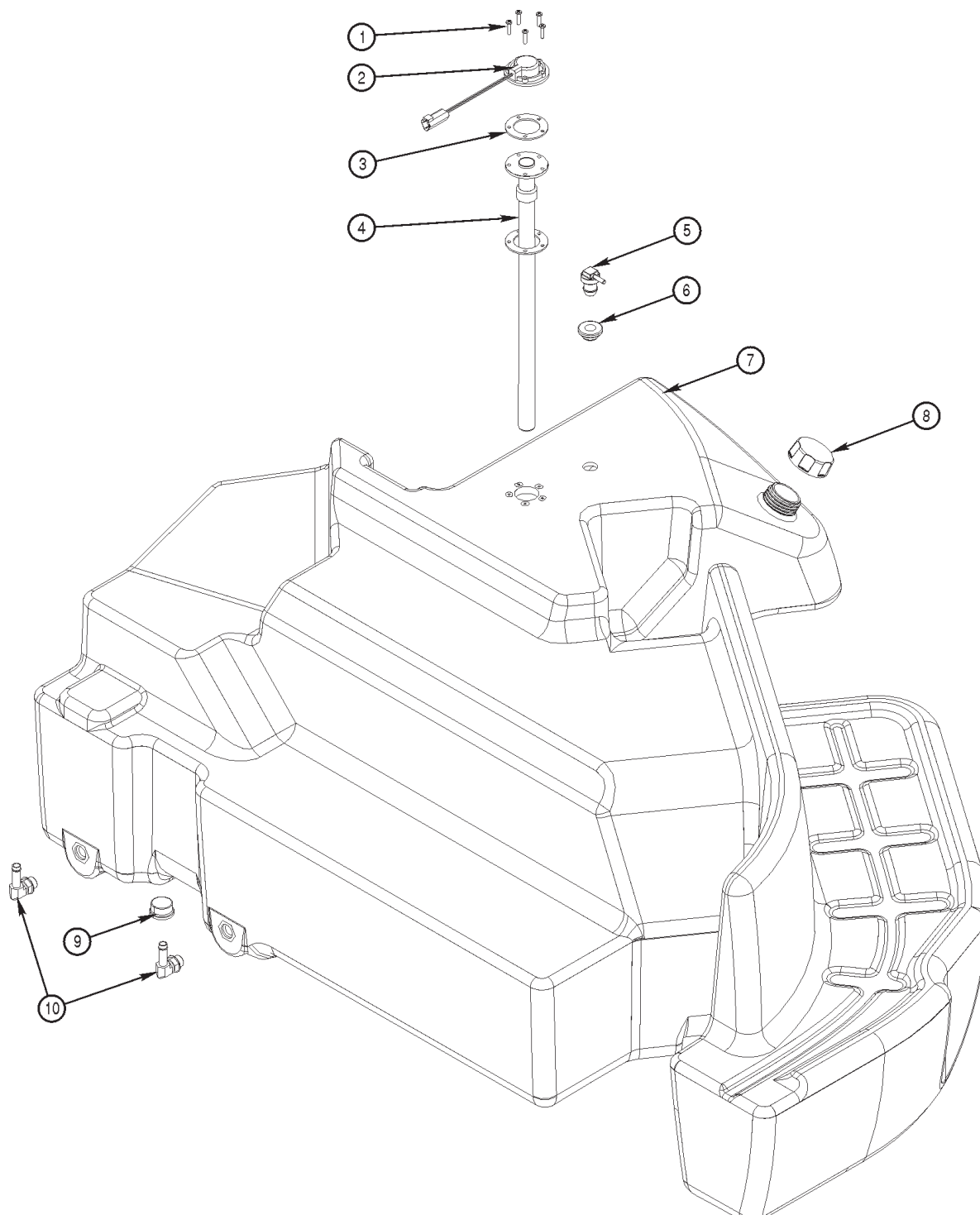
Item	Part Number	Qty	Description	Comments
1	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
2	201100025	2	Bracket, Exhaust hanger	
3	901003010	4	Nut, Nylock 5/16"	
4	902003200	2	Washer, Flat 3/8"	
5	900002806	2	Washer, Lock 3/8"	
6	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
7	290001020	2	Mount, Vibration, Control Exhaust	
8	900002610	4	Bolt, HHCS 5/16-18 x 1 G5 ZP	
9	902003195	8	Washer, Flat 5/16"	
10	901003010	4	Nut, Nylock 5/16"	
11	201200151	1	Tube, Exhaust Rear	
12	290000757	1	Clamp, 5" Exhaust U-Bolt	
13	201100017	1	Muffler, Donaldson	
14	201100021	2	Clamp, Muffler 9.00"	
15	290000753	1	Clamp, 4" Exhaust U-Bolt	
16	201200150	1	Tube, Exhaust Front	
17	290000755	1	Clamp 3.00 V-band Exhaust	
18	201200160	1	Cooling Package, Hydac	

Fuel Tank

All Models



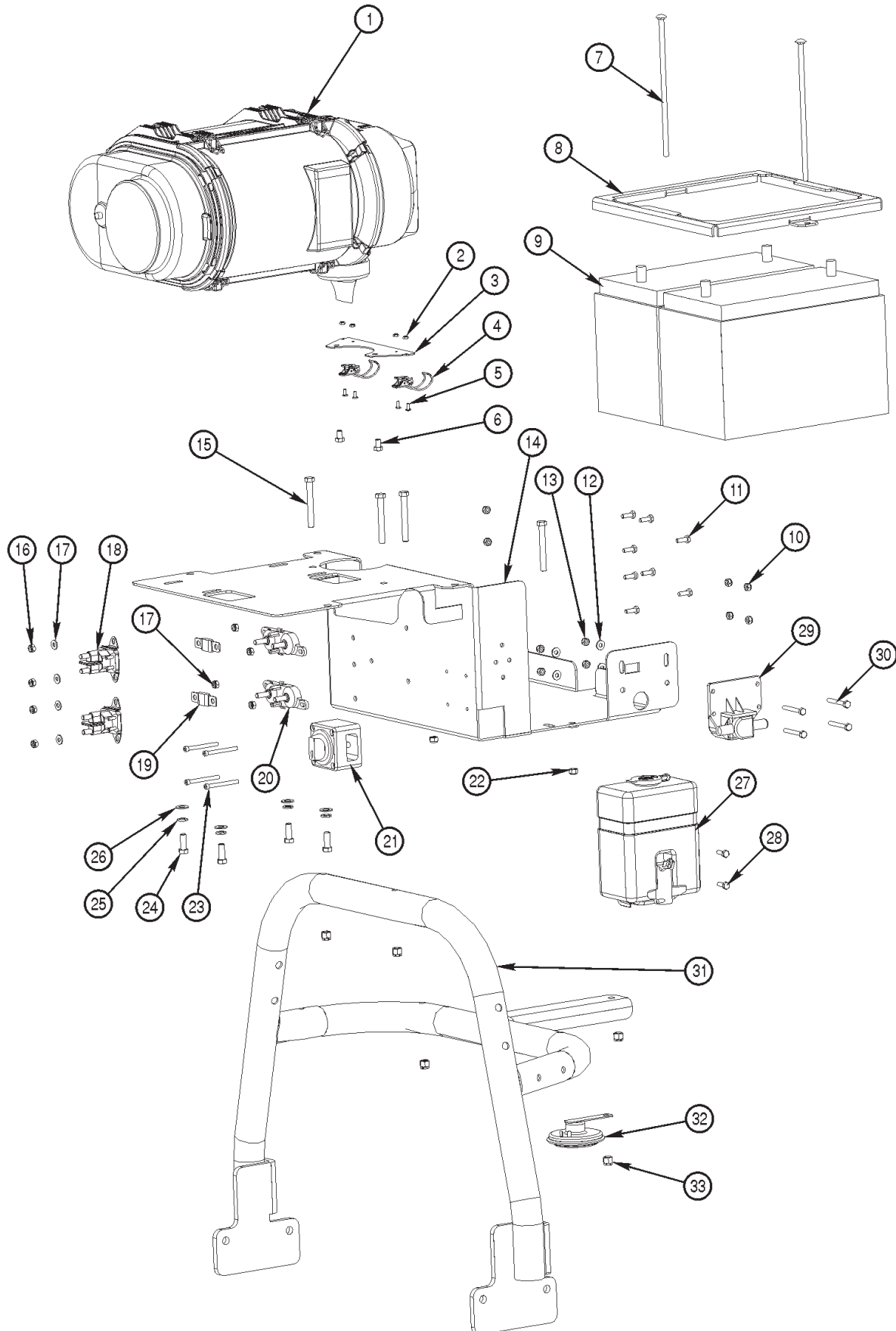
Item	Part Number	Qty	Description	Comments
1	201400028	1	Pad, Rubber, Fuel Tank (large)	
2	201400029	1	Pad, Rubber, Fuel Tank (small)	
3	201400015	1	Tank, Fuel	100 Gallon
4	901003020	6	Nut, Nylock 3/8"	
5	201400027	1	Support Pan, Fuel Tank	
6	900002845	2	Bolt, HHCS 3/8-16 x 2 G5 ZP	
7	902003195	4	Washer, Flat 5/16"	
8	201400025	2	Strap, Fuel Tank	15.61" end to end



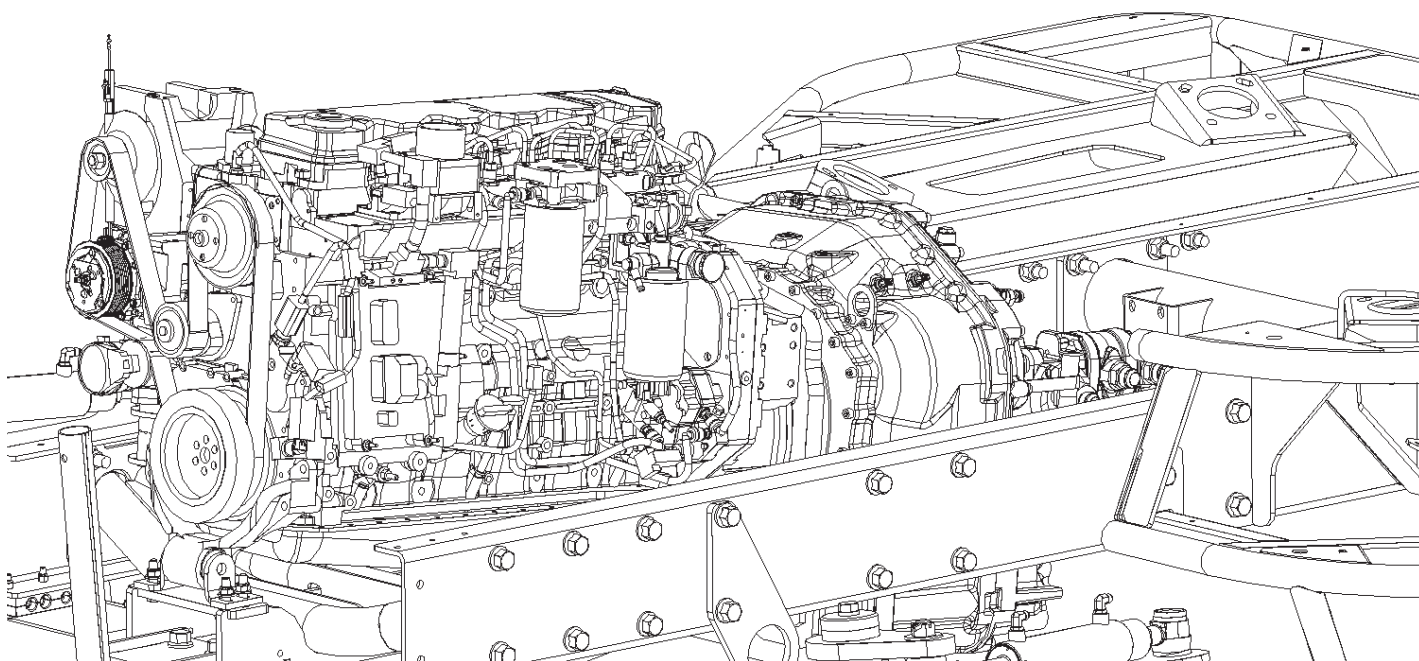
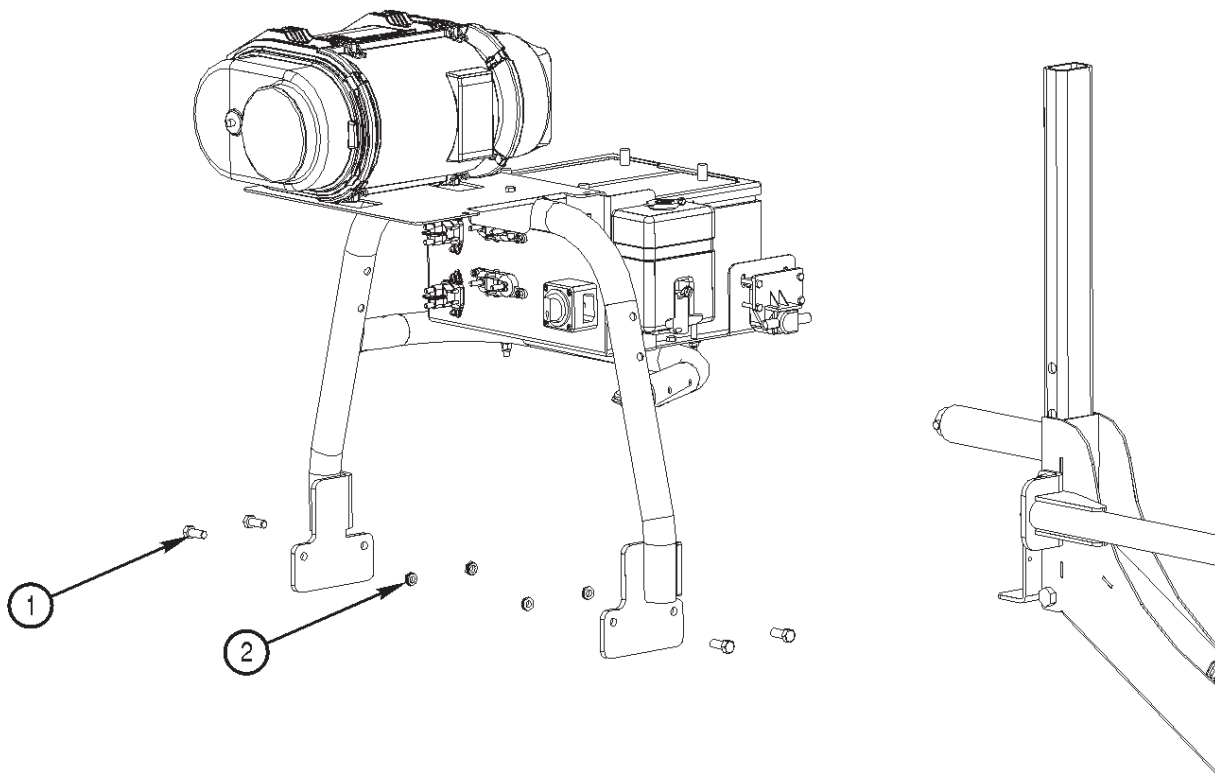
Item	Part Number	Qty	Description	Comments
1	900002513	5	Capscrew, Buttonhead 10-32 x 1"	
2	700010010	1	Fuel Sending Unit	
3	700010012	1	Gasket, Fuel Sending Unit	
4	700010011	1	Sending unit, Tube Float	
5	201400017	1	Vent, Fuel Tank	
6	201400018	1	Grommet, Fuel Tank	
7	201400015	1	Tank, Fuel	100 Gallon
8	201400016	1	Cap, Fuel	
9	800000641	1	Plug, 1" Hollow Hex O-ring	
10	800303027	2	Fitting, 4601-06-08 NWO	
	700000554	1	Jumper, Fuel Sender Voltage Suppressor	

Firewall

All Models



Item	Part Number	Qty	Description	Comments
1	201300122	1	Air Cleaner, Donaldson 800 CFM	201300108 - Cover, Air Cleaner, Donaldson 800 CFM
2	903302606	4	Nut, Nylock 8-32 ZP	
3	201300130	1	Plate, Intake Latch	
4	201300131	2	Latch, Intake	
5	903302602	4	Screw, Phillips, 8-32 x 3/4	
6	900000612	2	Bolt, HHCS 5/16-18 x 1/2 G5	
7	900032036	2	Bolt, Carriage 5/16-18 x 9"	
8	290000803	1	Bracket, Battery Hold Down	
9	720000000	2	Battery, 12V Post HDC	
10	901002899	4	Nut, Nylock 10-24	
11	900002395	8	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
12	902003035	4	Washer, Flat 1/4-20	
13	901003000	4	Nut, Nylock 1/4-20	
14	290000801	1	Bracket, Battery / Air Cleaner	
15	900002865	4	Bolt, HHCS 3/8-16 x 3 G5 ZP	
16	901003000	4	Nut, Nylock 1/4-20	
17	902003035	4	Washer, Flat 1/4-20	
18	700100128	2	Solenoid, White-Rogers	
19	700100129	2	Fuse, Bussman 125 AMP	
20	700100130	2	Fuse Holder, Bussman	
21	700100303	1	Battery Disconnect	
22	901003010	2	Nut, Nylock 5/16-18	
23	900002437	4	Screw, 10-24 x 2 1/2 SS SHCS	Also used for suspension limit switches
24	900100301	4	Bolt, HHCS M8 x 1.25 x 25	
25	900100302	4	Washer, Lock M8	
26	900100303	4	Washer, Flat M8	
27	400000895	1	Bottle, Windshield Washer	
28	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
29	700000724	1	Water Valve, Potentiometer Style	
30	900002435	4	Bolt, HHCS 1/4-20 x 2 G5 ZP	
31	290000802	1	Bracket, Frame, Battery / Air Cleaner	
32	430100000	1	Horn	
33	901003020	4	Nut, Nylock 3/8-16 ZP	
	201300095	1	Indicator, Air Cleaner	Not Shown
	720100020	1	Cable, Battery Positive	Not Shown
	720100021	1	Cable, +12V to Starter	Not Shown
	720100022	1	Cable, +12V to External Post	Not Shown
	720100023	1	Cable, Battery Negative	Not Shown
	720100024	1	Cable, Negative to External Post	Not Shown

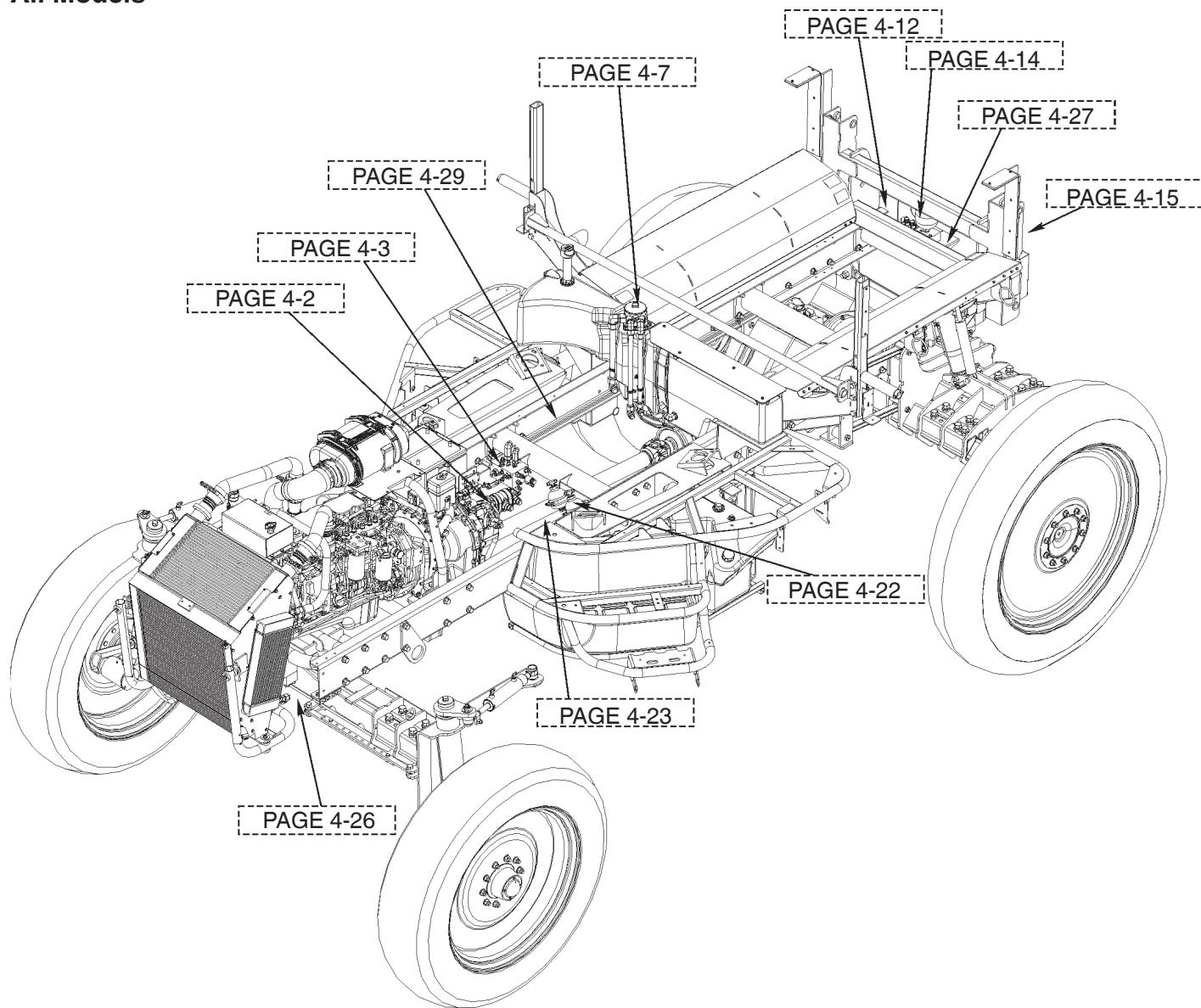


Item	Part Number	Qty	Description	Comments
1	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
2	901003041	4	Nut, Nylock Jam 1/2-13	
	201300095	1	Indicator, Air Cleaner	Not Shown

Hydraulics

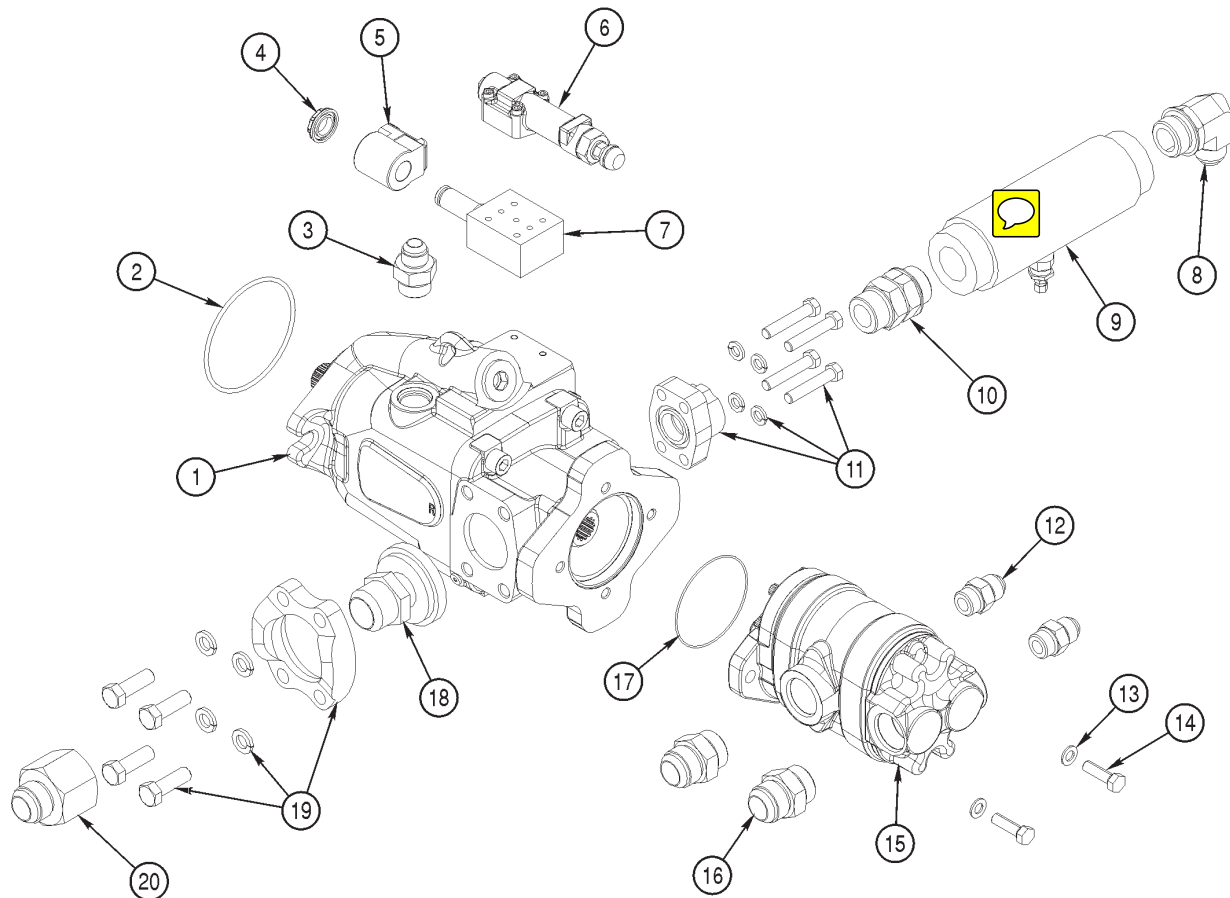
Section Overview

All Models



Hydraulic Pump

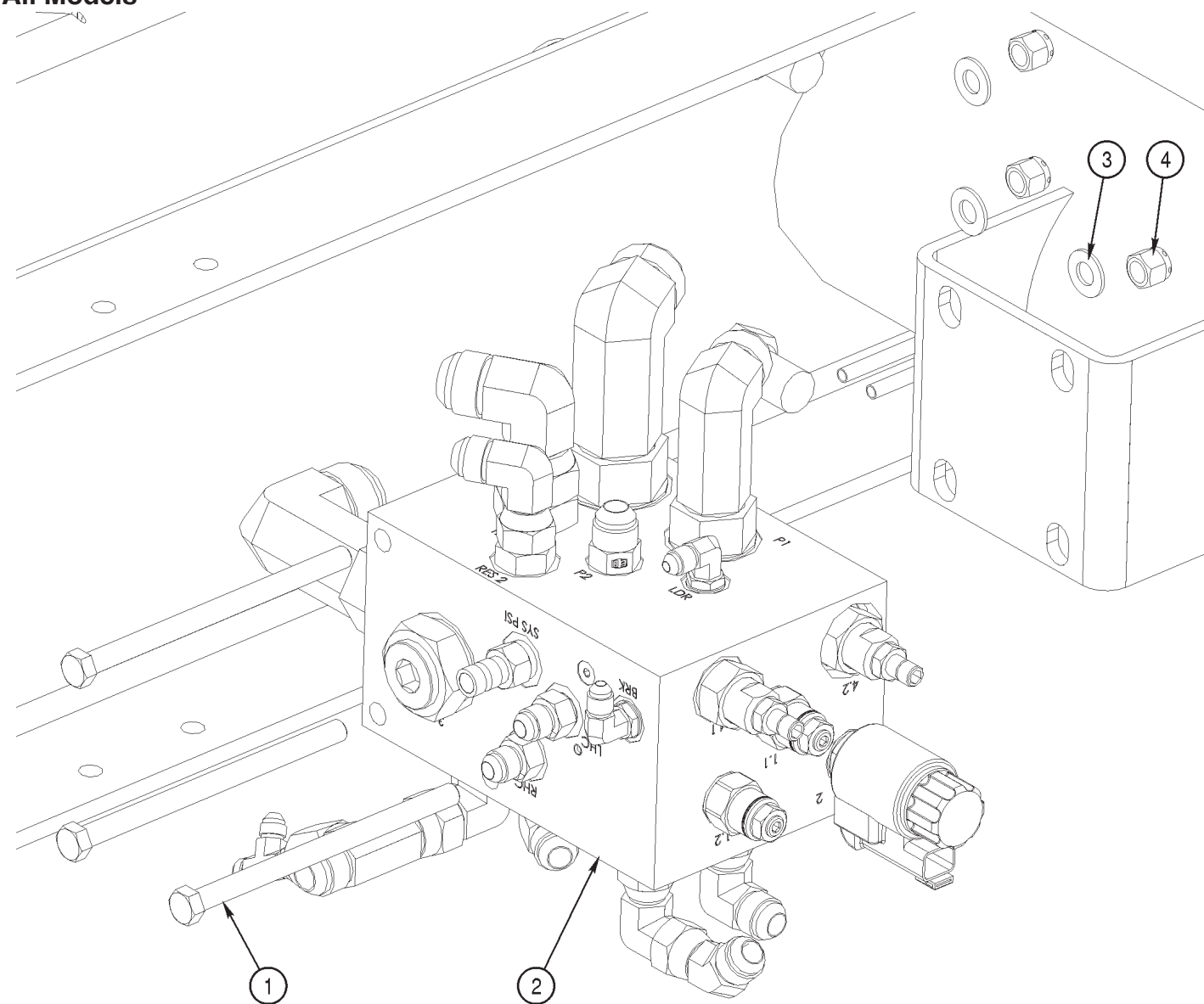
All Models



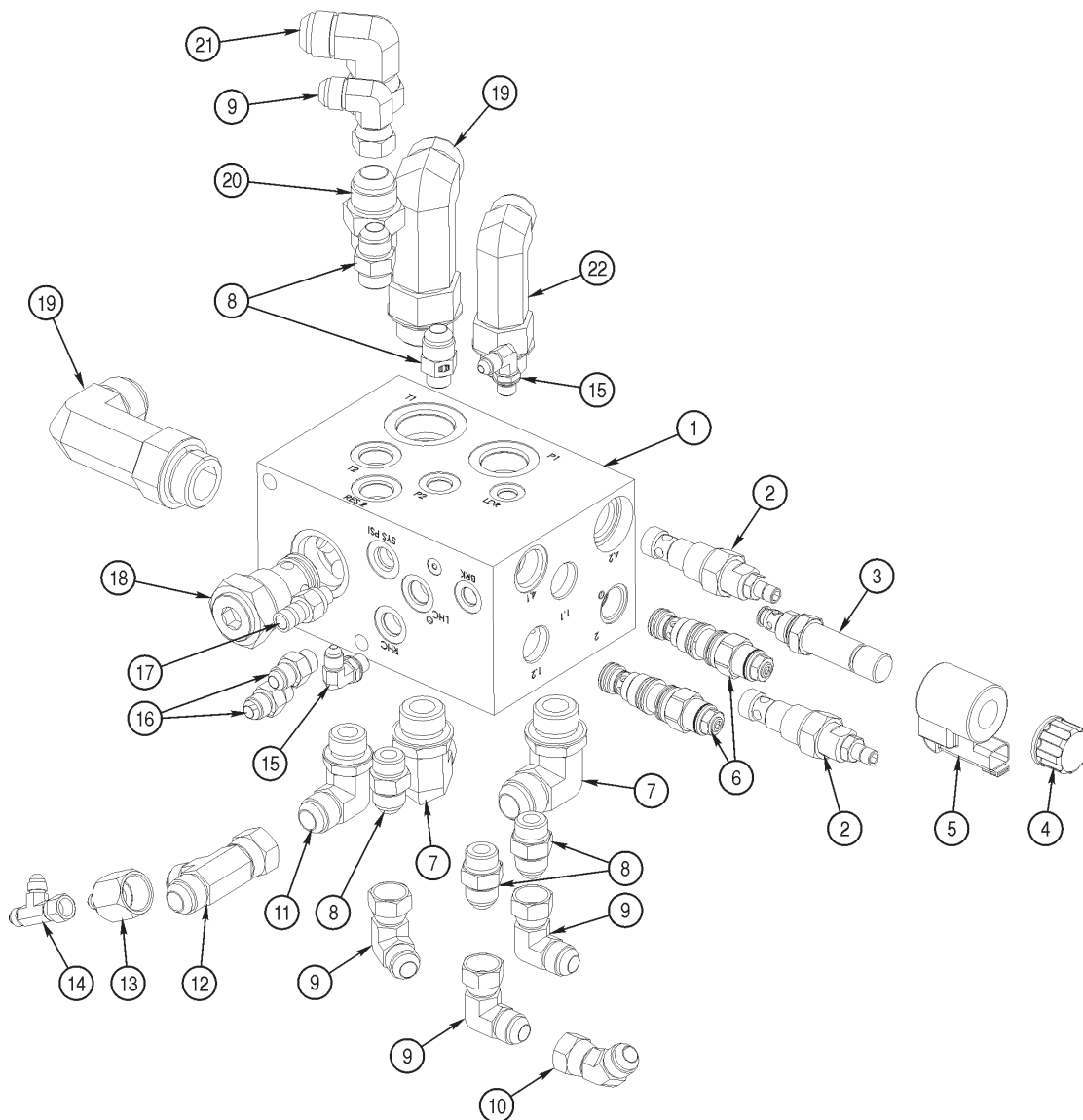
Item	Part Number	Qty	Description	Comments
1A	860000029	1	Piston Pump, 15 Tooth	AS720
1B	860000030	1	Piston Pump, 14 Tooth	AS1020 and AS1220
2A	350000315	1	O-ring, Eaton Pump	AS720
2B	350000317	1	O-ring, Eaton Pump	AS1020 and AS1220
3	800303119	1	Fitting, 10 FLM x 12 ORM ST	
4	860000034	1	Nut, Coil, Destroke Valve	
5	860000033	1	Coil, Destroke Valve	
6	860000023	1	Compensator	"B" - Style Pump
7	860000032	1	Destroke Kit, Eaton "B" Series	P/N 700000529 - Harness for Destroke Kit
8	800404254	1	Fitting, 16 ORM x 12 FLM 90	
9	860000012	1	Silencer, Hydraulic	
10	800404002	1	Fitting, 16 ORM x 16 ORM	
11	800302494	1	Fitting, Bolt Flange Code 61	
12	800302242	2	Fitting, 10 FLM x 10 ORM ST	
13	902003045	2	Washer, Flat 3/8" ZP	
14	900000410	2	Bolt, HHCS 3/8"-16 x 1 1/4" G8	
15	860000037	1	Gear Pump	All Models
16	800302410	2	Fitting, 16 ORM x 16 FLM ST	
17	840000065	1	O-ring, Between Gear and Piston Pump	All Models
18	800460095	1	Adapter 61 Straight -20-32	
19	800450050	1	Kit, Split Flange 2" Code 61	
20	800302454	1	Fitting, 20 FLF x 16 FLM	
	860000035		Assembly, Pump	Complete Assembly AS720
	860000036		Assembly, Pump	Complete Assembly AS1020 and AS1220

Junction Manifold

All Models



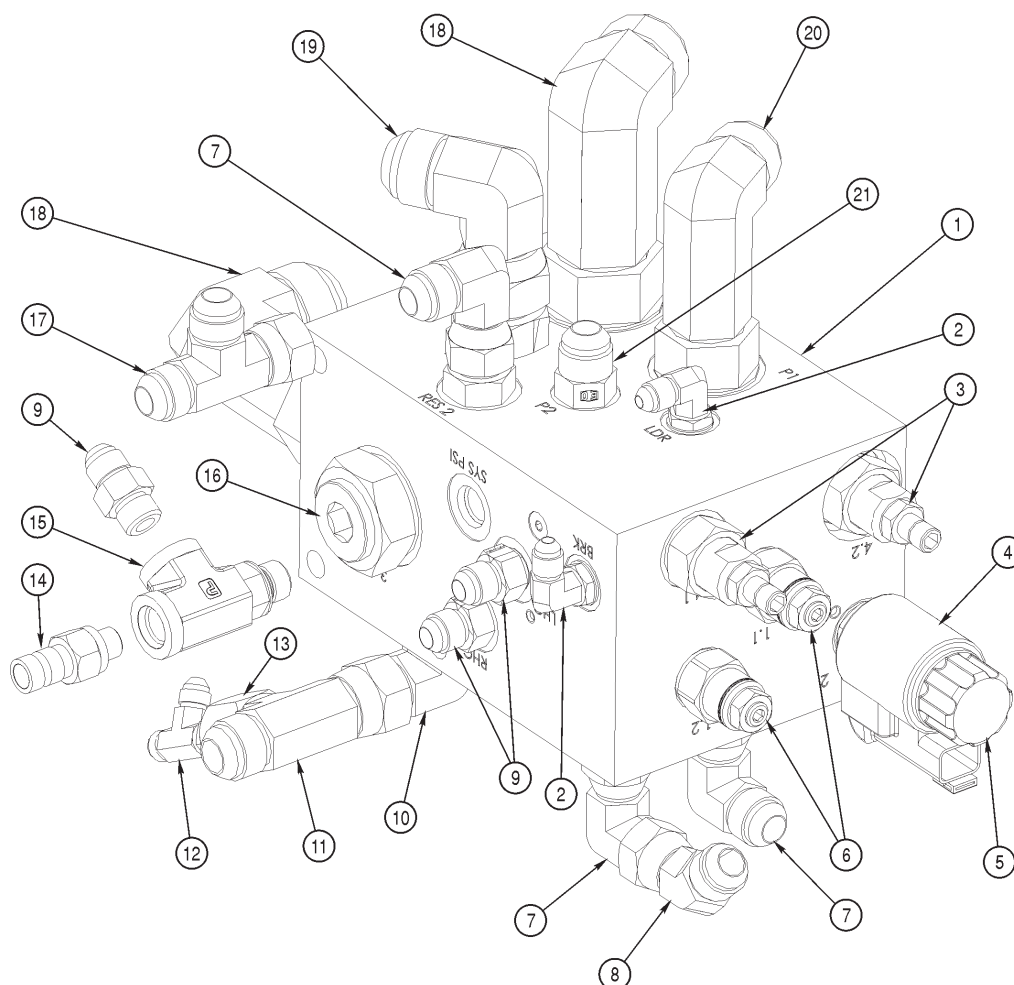
Item	Part Number	Qty	Description	Comments
1	900010714	3	Bolt, HHCS 3/8-16 x 6" G5	
2	810000006	1	Manifold, Junction	
3	902003200	3	Washer, Flat 3/8 G5 ZP	
4	901003020	3	Nut, Nylock 3/8" ZP	



Item	Part Number	Qty	Description	Comments
1	810000006	1	Manifold, Junction	
2	810000039	2	Valve, Flow Control	Seal Kit P/N 810000052
3	810000037	2	Solenoid Valve, Ladder/Brake	Seal Kit P/N 810000057
4	810000042	1	Nut, Coil Tall	
5	810000040	1	Coil, 12 Volt	
6	810000036	2	Counter balance Valve, Steering	Seal Kit P/N 810000056
7	800302408	2	Fitting, 12 ORM x 12 FLM 90 DEG	
8	800303030	5	Fitting, 8 FLM x 8 ORM ST	
9	800302181	4	Fitting, 8 FLF x 8 FLM 90	
10	800303036	1	Fitting, 8V6X	
11	800320150	1	Fitting, 10 FLM x 10 ORB 90	
12	800501070	1	Tee, Swivel Nut Run 10 JIC	
13	800404006	1	Fitting, Reducer 10 FLF x 4 FLM	
14	800302168	1	Fitting, 4 FLM x 4 FLM x 4 FLF	
15	800302240	2	Fitting, 4 ORM x 4 FLM 90	
16	800303022	3	Fitting, 6 FLM x 6 ORM ST	
17	800302146	1	Fitting, QDC Pressure Port	
18	810000029	1	Check Valve, 100 PSI	Seal Kit P/N 810000058
19	800302419	2	Fitting, 16 FLM x 16 ORM 90 LD	
20	800303120	1	Fitting, 12 FLM x 12 ORM ST	
21	800403625	1	Fitting, 12 FLM x 12 FLF 90	
22	800302243	1	Fitting, 12 FLM x 12 ORB 90 LD	

Junction Manifold with Adjust On the Go

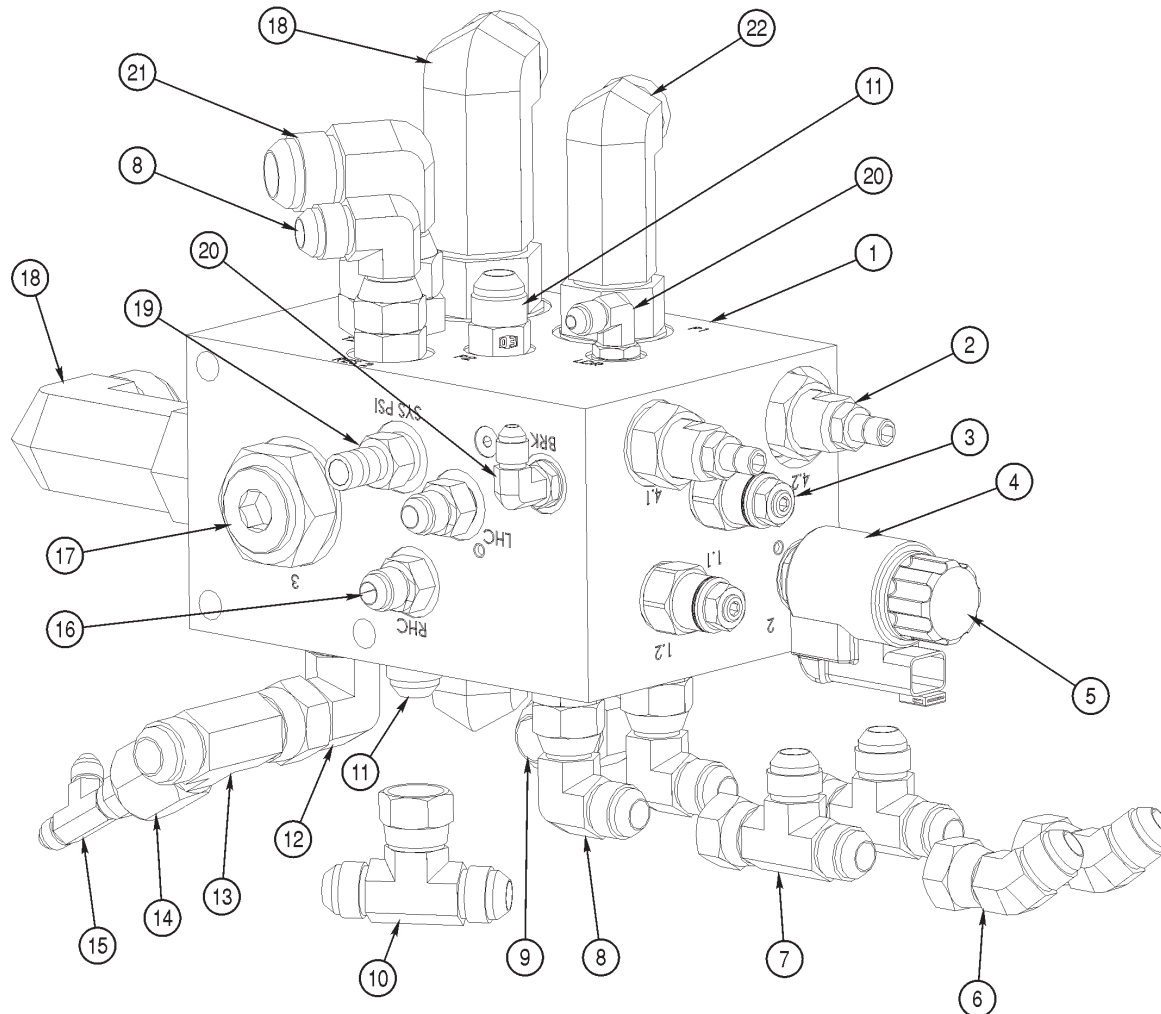
All Models



Item	Part Number	Qty	Description	Comments
1	810000006	1	Manifold, Junction	
2	800302240	2	Fitting, 4 ORM x 4 FLM 90	
3	810000039	2	Valve, Flow Control	Seal Kit P/N 810000052
4	810000040	1	Coil, 12 Volt	
5	810000042	1	Nut, Hydac Coil Tall	
6	810000036	2	Counter balance Valve, Steering	Seal Kit P/N 810000056
7	800302181	3	Fitting, 8 FLF x 8 FLM 90	
8	800303036	1	Fitting, 8V6X	
9	800303022	3	Fitting, 6 FLM x 6 ORM ST	
10	800320150	1	Fitting, 10 FLM x 10 ORB 90	
11	800501070	1	Tee, Swivel Nut Run 10 JIC	
12	800302168	1	Fitting, 4 FLM x 4 FLM x 4 FLF	
13	800404006	1	Fitting, Reducer 10 FLF x 4 FLM	
14	800302146	1	Fitting, QDC Pressure Port	
15	800302130	1	Fitting, 6 ORB Run Tee	
16	810000029	1	Check Valve, 100 PSI	Seal Kit P/N 810000058
17	800501060	1	Tee, Swivel Nut Run 8 JIC	
18	800302419	2	Fitting, 16 FLM x 16 ORM 90 LD	
19	800403625	1	Fitting, 12 FLM x 12 FLF 90	
20	800302243	1	Fitting, 12 FLM x 12 ORB 90 LD	
21	800303030	5	Fitting, 8 FLM x 8 ORM ST	
	K65000201		Kit, Adjust On The Go	

Junction Manifold with AutoSteer

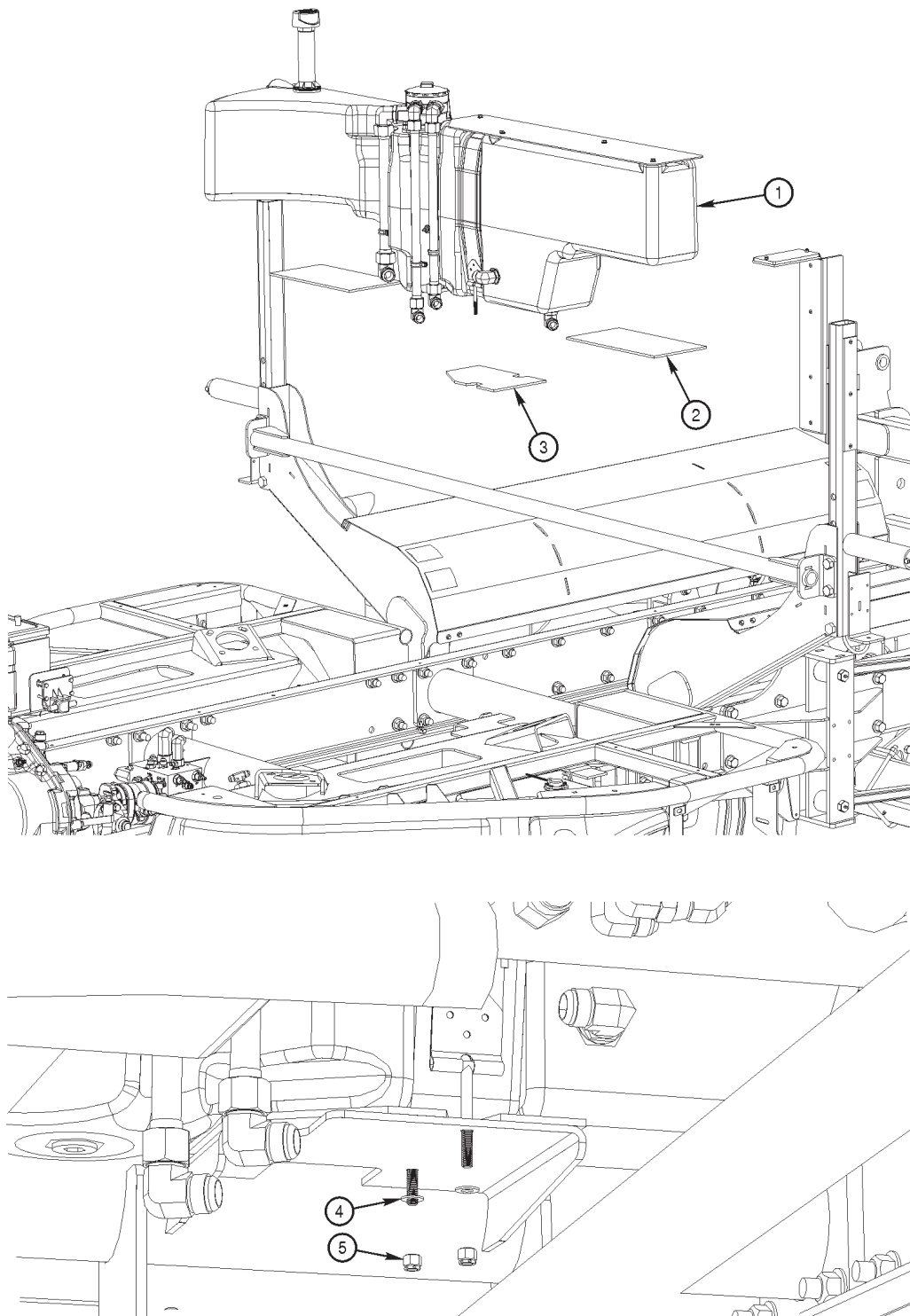
All Models



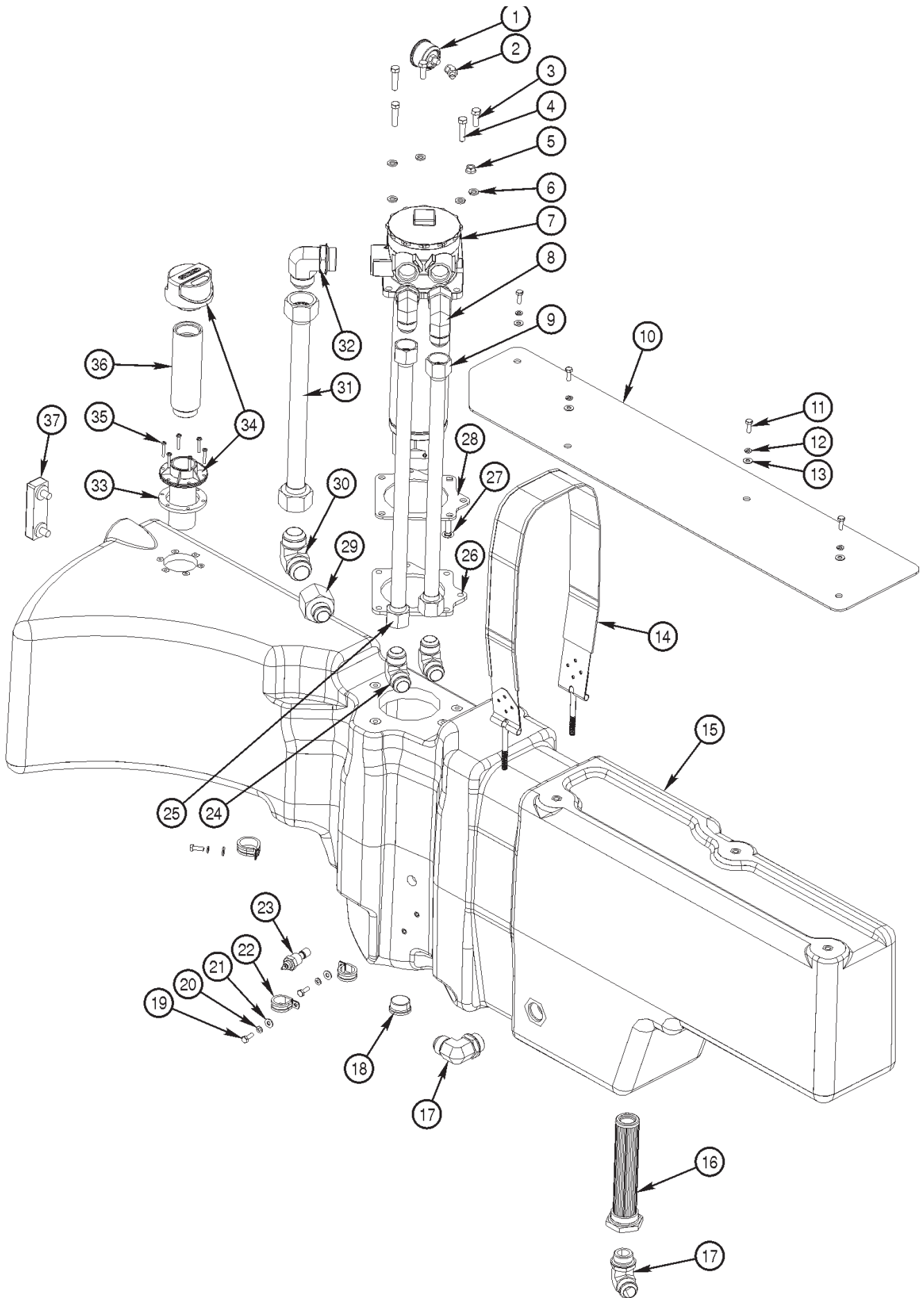
Item	Part Number	Qty	Description	Comments
1	810000006	1	Manifold, Junction	
2	810000039	2	Valve, Flow Control	Seal Kit P/N 810000052
3	810000036	2	Counter balance Valve, Steering	Seal Kit P/N 810000056
4	810000040	1	Coil, 12 Volt	
5	810000042	1	Nut, Hydac Coil Tall	
6	800303036	2	Fitting, 8V6X	
7	800501060	2	Tee, Swivel Nut Run 8 JIC	
8	800302181	3	Fitting, 8 FLF x 8 FLM 90	
9	800302408	2	Fitting, 12 ORM x 12 FLM 90 DEG	
10	800302493	1	Fitting, 8 FLM x 8 FLF x 8 FLM	
11	800303030	4	Fitting, 8 FLM x 8 ORM ST	
12	800320150	1	Fitting, 10 FLM x 10 ORB 90	
13	800501070	1	Tee, Swivel Nut Run 10 JIC	
14	800404006	1	Fitting, Reducer, 10 FLF x 4 FLM	
15	800302168	1	Fitting, 4 FLM x 4 FLM x 4 FLF	
16	800303022	3	Fitting, 6 FLM x 6 ORM ST	
17	810000029	1	Check Valve, 100 PSI	Seal Kit P/N 810000058
18	800302419	2	Fitting, 16 FLM x 16 ORM 90 LD	
19	800302146	1	Fitting, QDC Pressure Port	
20	800302240	2	Fitting, 4 ORM x 4 FLM 90	
21	800403625	1	Fitting, 12 FLM x 12 FLF 90	
22	800302243	1	Fitting, 12 FLM x 12 ORB 90 LD	
	K65000192		Kit, AutoSteer SmarTrax	

Hydraulic Tank

All Models



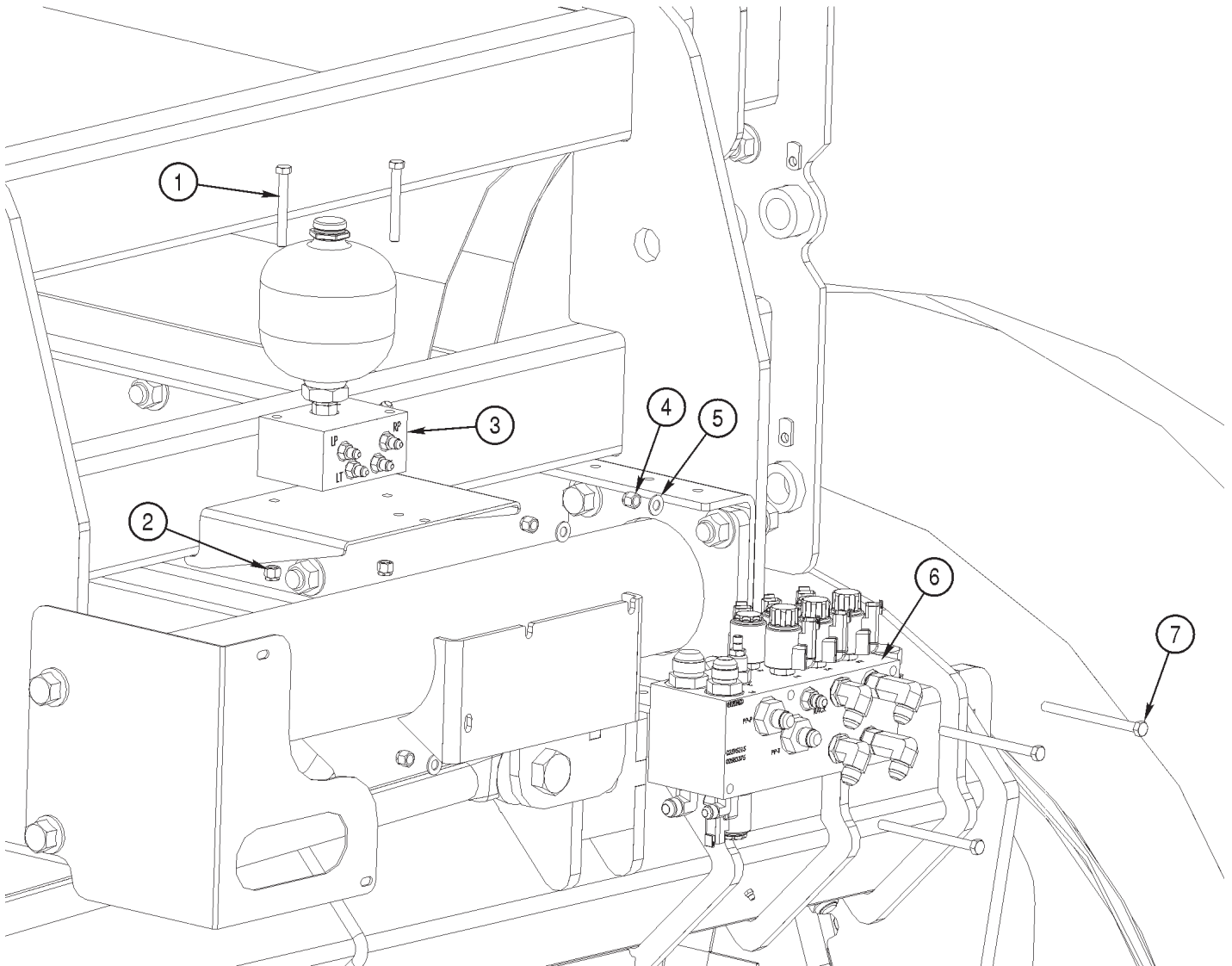
Item	Part Number	Qty	Description	Comments
1	880000015	1	Tank, Hydraulic	
2	880000028	2	Pad, Rubber, Hydraulic Tank	
3	880000036	1	Pad, Rubber, Hydraulic Tank Center	
4	902003045	4	Washer, Flat 3/8 ZP	For hydraulic tank strap
5	901003020	4	Nut, Nylock 3/8-16 ZP	For hydraulic tank strap
	K65000209		Kit, Hydraulic Filter	Includes o-rings
	K65000210		Kit, Hydraulic Filter with Oil	Includes o-rings



Item	Part Number	Qty	Description	Comments
1	880000025	1	Indicator, Hydraulic Filter Housing	
2	800404228	1	Fitting, 1/8 NPTF-M 45 DEG Elbow	
3	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
4	900002835	3	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
5	901101201	1	Nut, Spin Lock 3/8-16 G5	
6	900002806	5	Washer, Lock 3/8"	
7	880000024	1	Assembly, Filter Housing, Hydraulic	Replacement filter 880000026
8	800302419	1	Fitting, 16 FLM x 16 ORM 90 LD	
9	8800000018	1	Tube, Filter Suction	
10	880000029	1	Treadplate, Hydraulic Tank	
11	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
12	902201085	4	Washer, Lock 1/4" ZP	
13	902003035	4	Washer, Flat 1/4" ZP	
14	880000020	1	Strap, Hydraulic Tank	
15	880000015	1	Tank, Hydraulic	
16	840000010	1	Suction Strainer 1 7/8 - 1	
17	800404265	2	Fitting, 16 FLM x 16 ORM	
18	800000641	1	Plug, 1 " Hollow Hex O-ring	
19	900002395	3	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
20	902201085	3	Washer, Lock 1/4" ZP	
21	902003035	3	Washer, Flat 1/4" ZP	
22	915002802	3	Band, Insulated 1 1/4"	
23	890150000	1	Sender Unit, Hydraulic Oil	200 Degree
24	800000021	2	Union, JIC 1" 90 Elbow 16 ETX-S	
25	880000019	1	Tube, Filter Suction	
26	880000027	1	Gasket, RKM Adapter	
27	900002835	1	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
28	880000016	1	Adapter Plate, RKM Filter	
29	800302454	1	Fitting, 20 FLF x 16 FLM	
30	800000015	1	Union, JIC 1 1/4" 90 20 FLM x 20 FLM	
31	880000017	1	Tube, Filter Return	
32	800404270	1	Fitting, 20 FLM x 20 ORM 90 DEG	
33	880000031	1	Gasket, Hydraulic Fill Neck 1/4"	
34	880000021	1	Assembly, Hydraulic Fill Cap	
35	900002512	5	Capscrew, Buttonhead 10-32 x 3/4"	
36	880000022	1	Extension, Hydraulic Fill	
37	880000023	1	Sight Glass, Hydraulic Tank	
	800404227	1	Fitting, 1/8 BSPB to 1/8 NPTF	Not shown
	K65000209		Kit, Hydraulic Filter	Includes o-rings
	K65000210		Kit, Hydraulic Filter with Oil	Includes o-rings
	880000030	1	Insert, Hydraulic Tank, RKM Filter	
	880000032	1	O-ring, Filter Housing Bowl	Not shown
	880000033	1	O-ring, Filter Housing Cover	Not shown
	880000034	1	O-ring, Filter Housing Separation Plate	Not shown
	880000035	1	O-ring, Filter Head RKM	Not shown

Suspension Manifold and Back Rack Accumulator Manifold Mounting

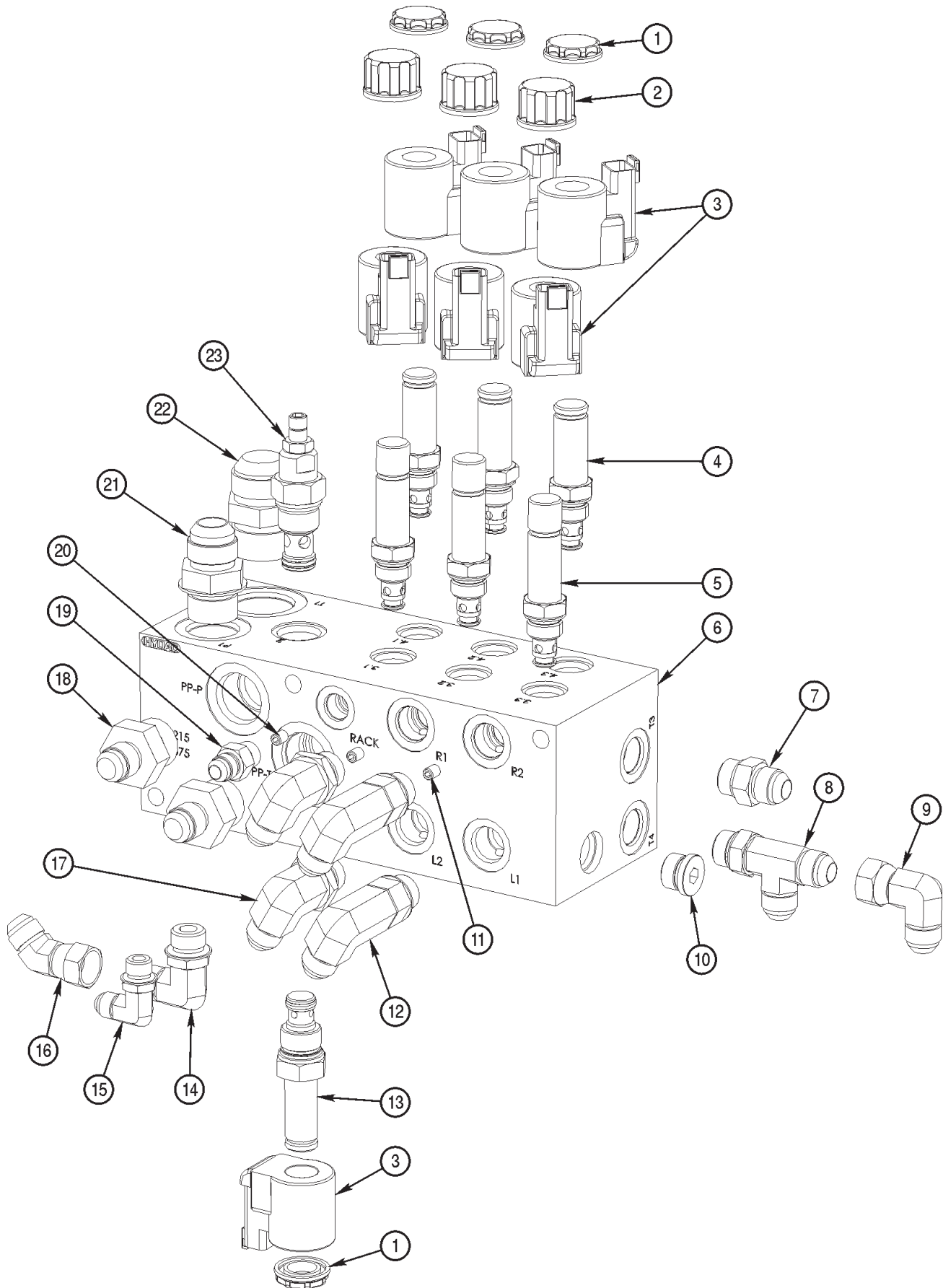
All Models



Item	Part Number	Qty	Description	Comments
1	900000614	2	Bolt, HHCS 5/16-18 x 3" G5	
2	901003010	2	Nut, Nylock 5/16-18 ZP	
3	810000051	1	Manifold, Rack Accumulator	
4	901003020	3	Nut, Nylock 3/8-16 ZP	
5	902003200	3	Washer, Flat 3/8 ZP	
6	810000010	1	Manifold, Suspension	
7	900000490	3	Bolt, HHCS 3/8-16 x 5 G5	

Suspension Manifold

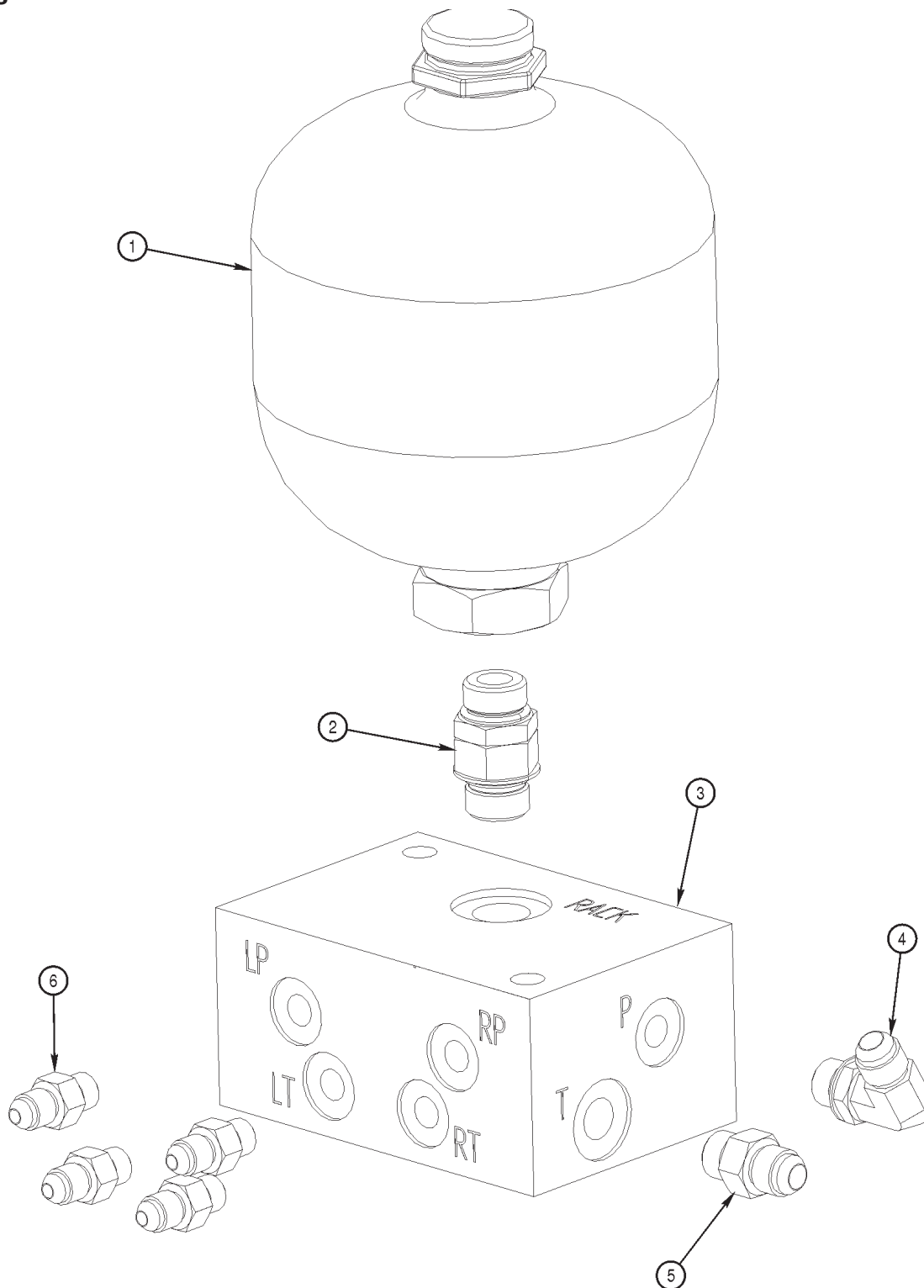
All Models



Item	Part Number	Qty	Description	Comments
1	810000041	4	Nut, Hydac Coil	Short
2	810000042	3	Nut, Hydac Coil	Tall
3	810000040	7	Coil, Hydac 12 Volt	
4	810000033	3	Solenoid Valve	Seal Kit P/N 810000053
5	810000032	3	Solenoid Valve	Seal Kit P/N 810000053
6	810000010	1	Manifold, Suspension	
7	800303030	1	Fitting, 8 FLM x 8 ORM ST	
8	800302214	1	Fitting, 8 ORM x 8 FLM x 8 FLM	
9	800302181	1	Fitting, 8 FLF x 8 FLM 90	
10	800000590	1	Plug, ST 8 ORM	
11	800302300	2	Orifice, 14-20 Plug 0.028 Dia	
12	800302152	2	Fitting, 8 FLM x 8 ORM 90 long	
13	810000030	1	Solenoid Valve, Product Pump	Seal Kit P/N 810000052
14	800404230	1	Fitting, 8 FLM x 8 ORM 90	
15	800404215	1	Fitting, 6 FLM x 6 ORM 90	
16	800302207	1	Fitting, 8 FLM x 8 FLF 45	
17	800404230	2	Fitting, 8 FLM x 8 ORM 90	
18	800302418	2	Fitting, 8 FLM x 12 ORM ST	
19	800303022	1	Fitting, 6 FLM x 6 ORM ST	
20	800302301	1	Orifice, 14-20 Plug 0.060 Dia	
21	800303120	1	Fitting, 12 FLM x 12 ORM ST	
22	800302410	1	Fitting, 16 FLM x 16 ORM ST	
23	810000031	1	Needle Valve, Product Pump Pressure	Adjust to 120 psi, Seal Kit P/N 810000052.

Back Rack Accumulator Manifold

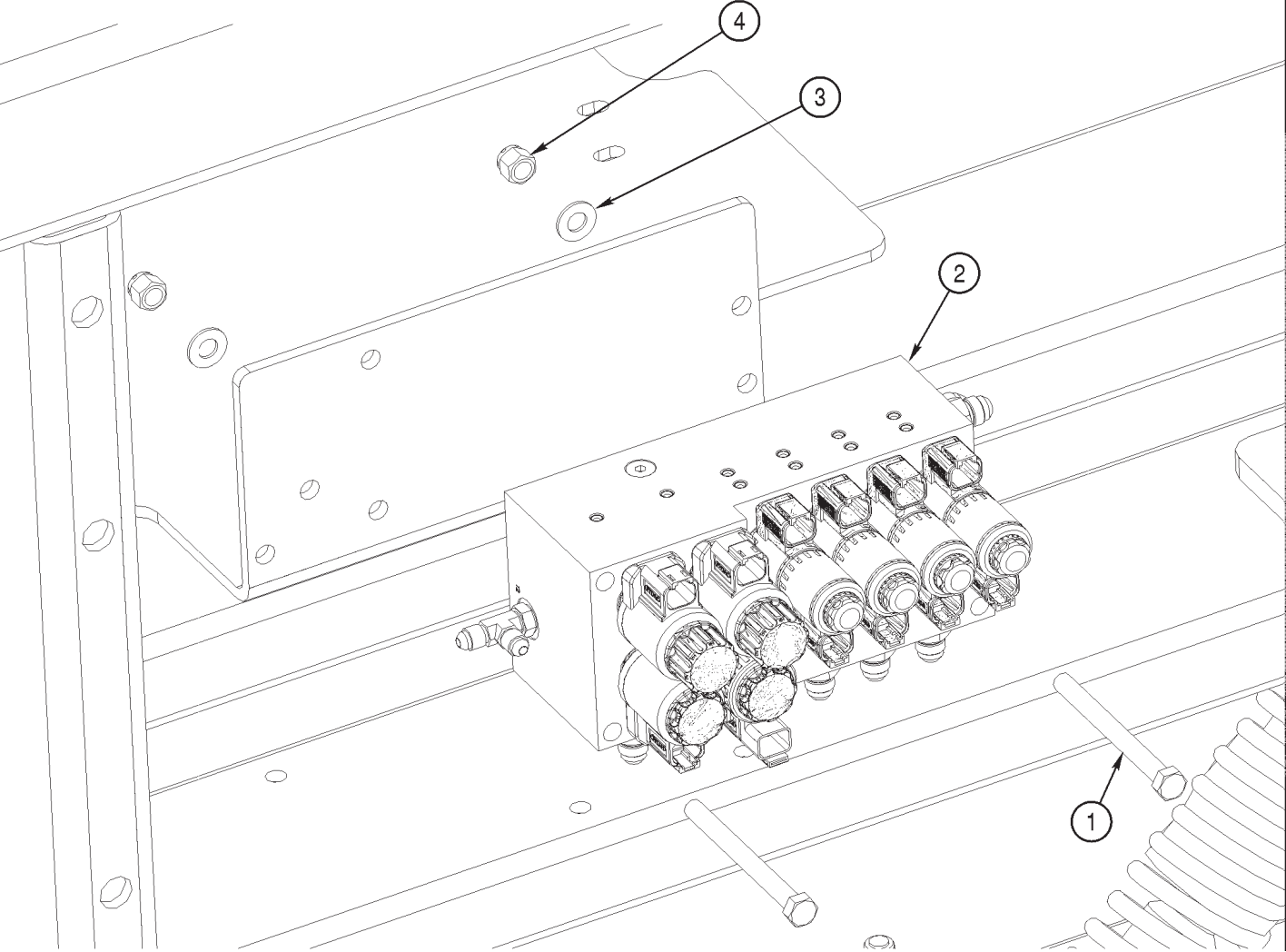
All Models



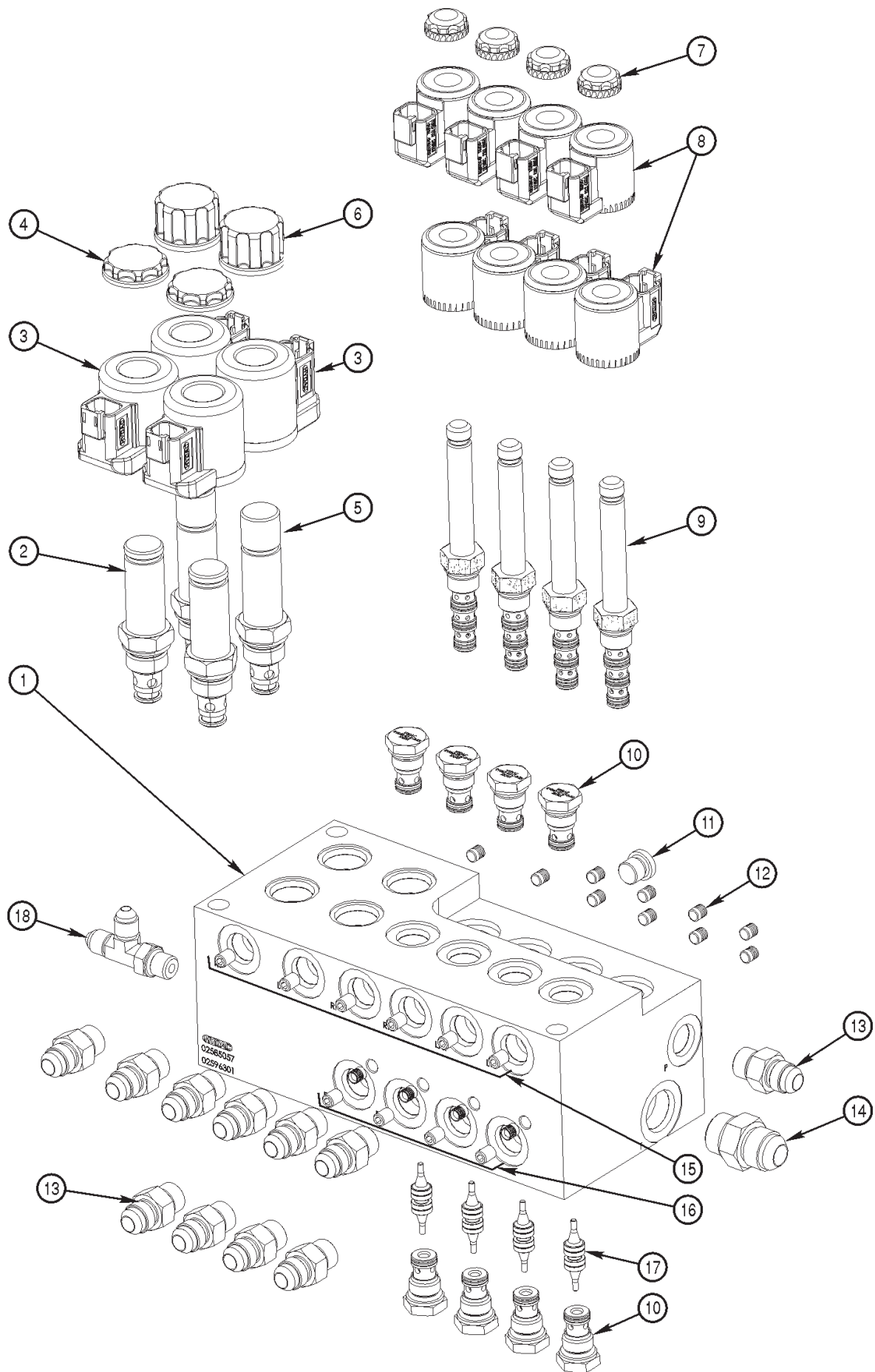
Item	Part Number	Qty	Description	Comments
1	600901512	1	Accumulator, Back Rack 60 CU IN	200 psi
2	800302140	1	Fitting, 8 ORM x 8 ORM	
3	810000051	1	Manifold, Rack Accumulator	
4	800404216	1	Fitting, 6 FLM x 4 ORM 90	
5	800303022	1	Fitting, 6 FLM x 6 ORM ST	
6	800302185	4	Fitting, 4 FLM x 4 ORM	

Boom Manifold

All Models



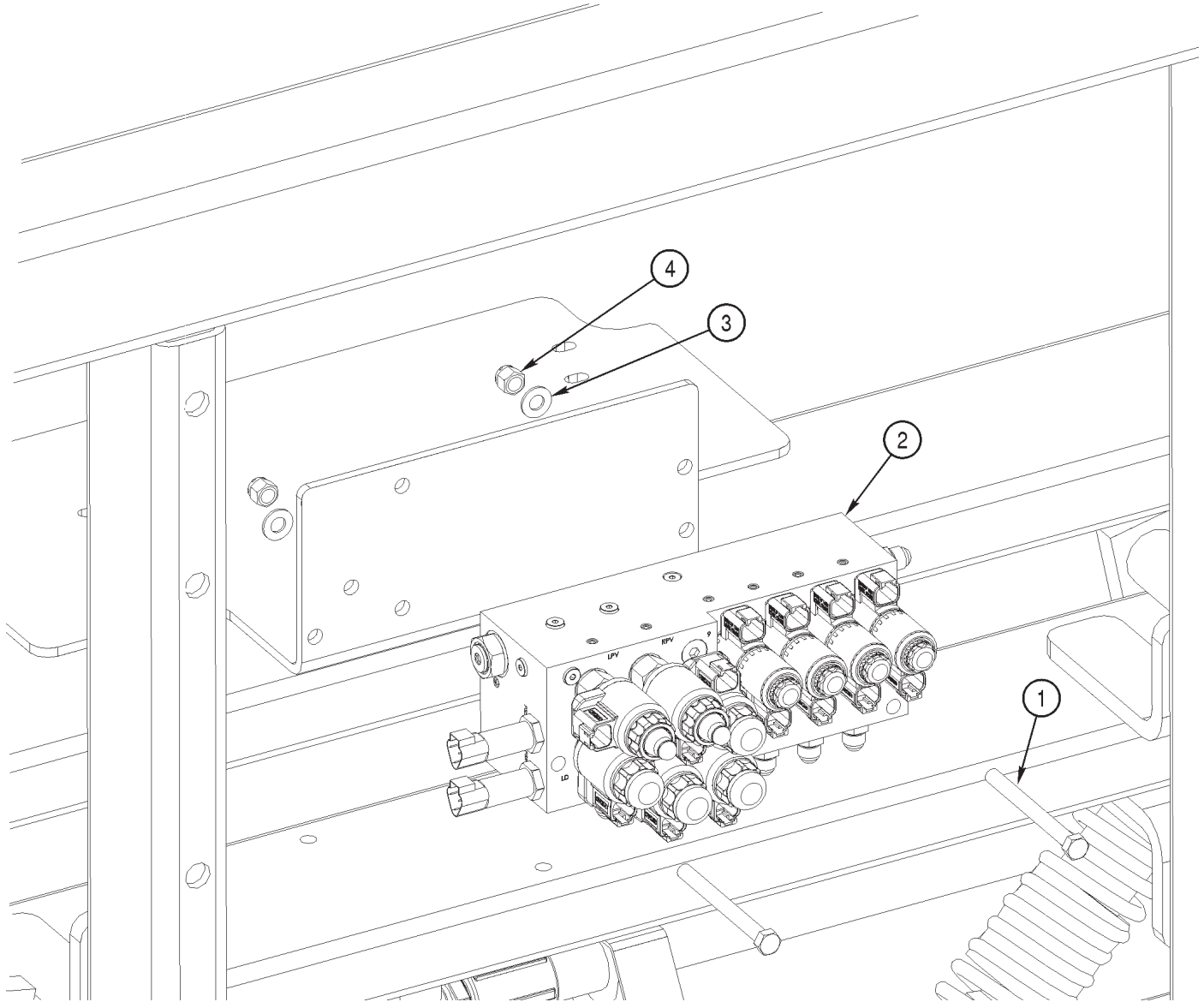
Item	Part Number	Qty	Description	Comments
1	900002885	2	Bolt, HHCS 3/8-16 x 4 G8	
2A	810000017	1	Manifold, Boom	
2B	810000016	1	Manifold, Boom - AutoBoom Ready	
3	902003210	2	Washer, Flat 1/2" G5 ZP	
4	901003020	2	Nut, Nylock 3/8"	



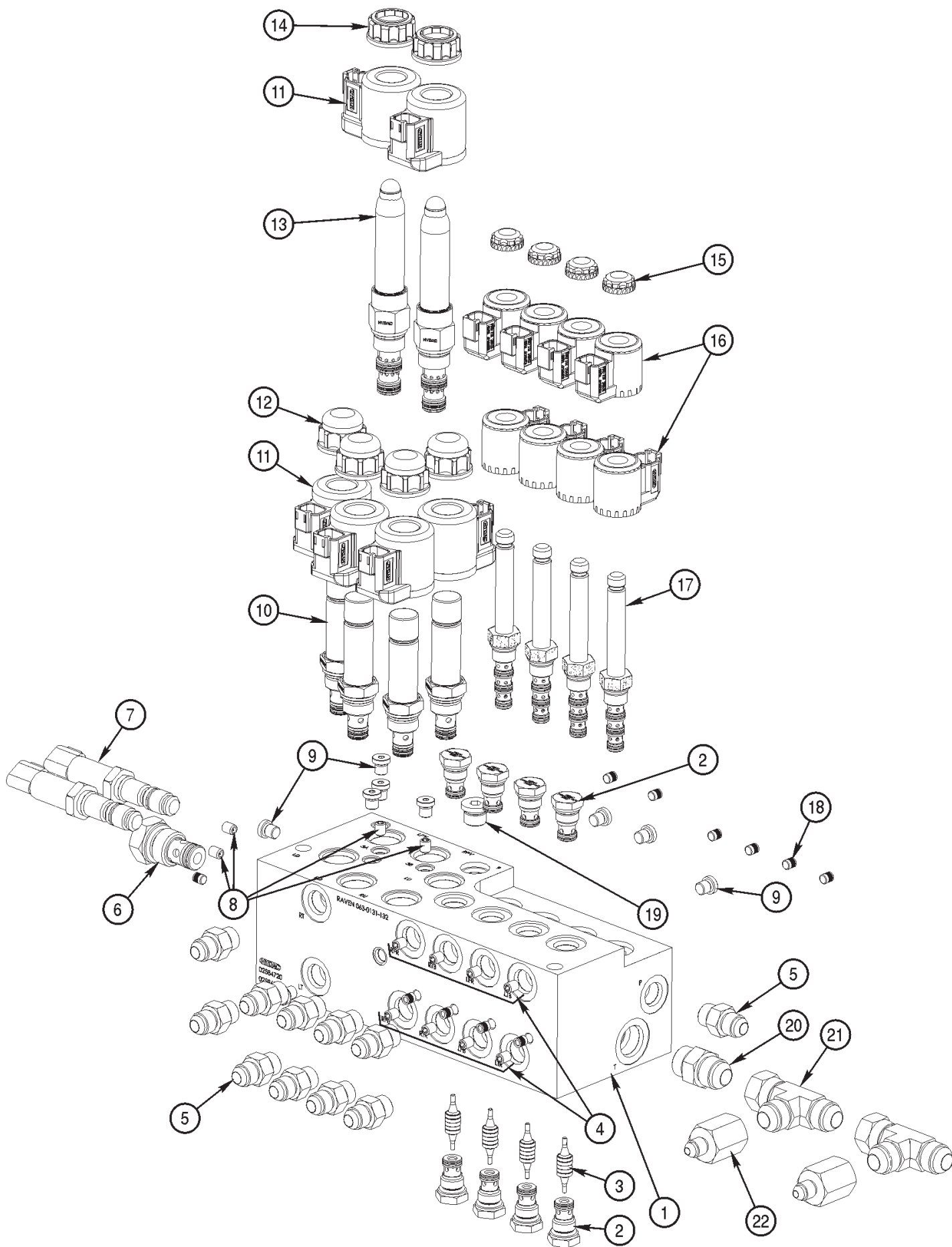
Item	Part Number	Qty	Description	Comments
1	810000017	1	Manifold, Boom	
2	810000033	4	Solenoid Valve	Seal Kit P/N 810000053
3	810000040	4	Coil, Hydac 12 volt	
4	810000041	2	Nut, Hydac Coil Short	
5	810000032	2	Solenoid Valve	
6	810000042	2	Nut, Hydac Coil Tall	
7	810000060	4	Nut, Hydac Coil Size 6	
8	810000062	8	Coil, Hydac 12 volt Size 6	
9	810000059	4	Solenoid Valve	Seal Kit P/N 810000069
10	810000061	8	Check Valve, Boom Manifold	Seal Kit P/N 810000055
11	800000560	1	Plug, SAE 4 ORB Hollow Hex	
12	NSS		Plug	Included with manifold P/N 810000017
13	800303022	11	Fitting, 6 FLM x 6 ORM ST	
14	800303030	1	Fitting, 8 FLM x 8 ORM ST	
15	800302301	6	Orifice, 14-20 Plug 0.060 DIA	
16	800302304	4	Orifice, 14-20 Plug 0.040 DIA	
17	810000043	4	Pilot Piston Assembly, Size 6	
18	800302238	1	Fitting, 4 ORM x 4 FLM x 4 FLM	

Boom Manifold (AutoBoom Ready)

All Models



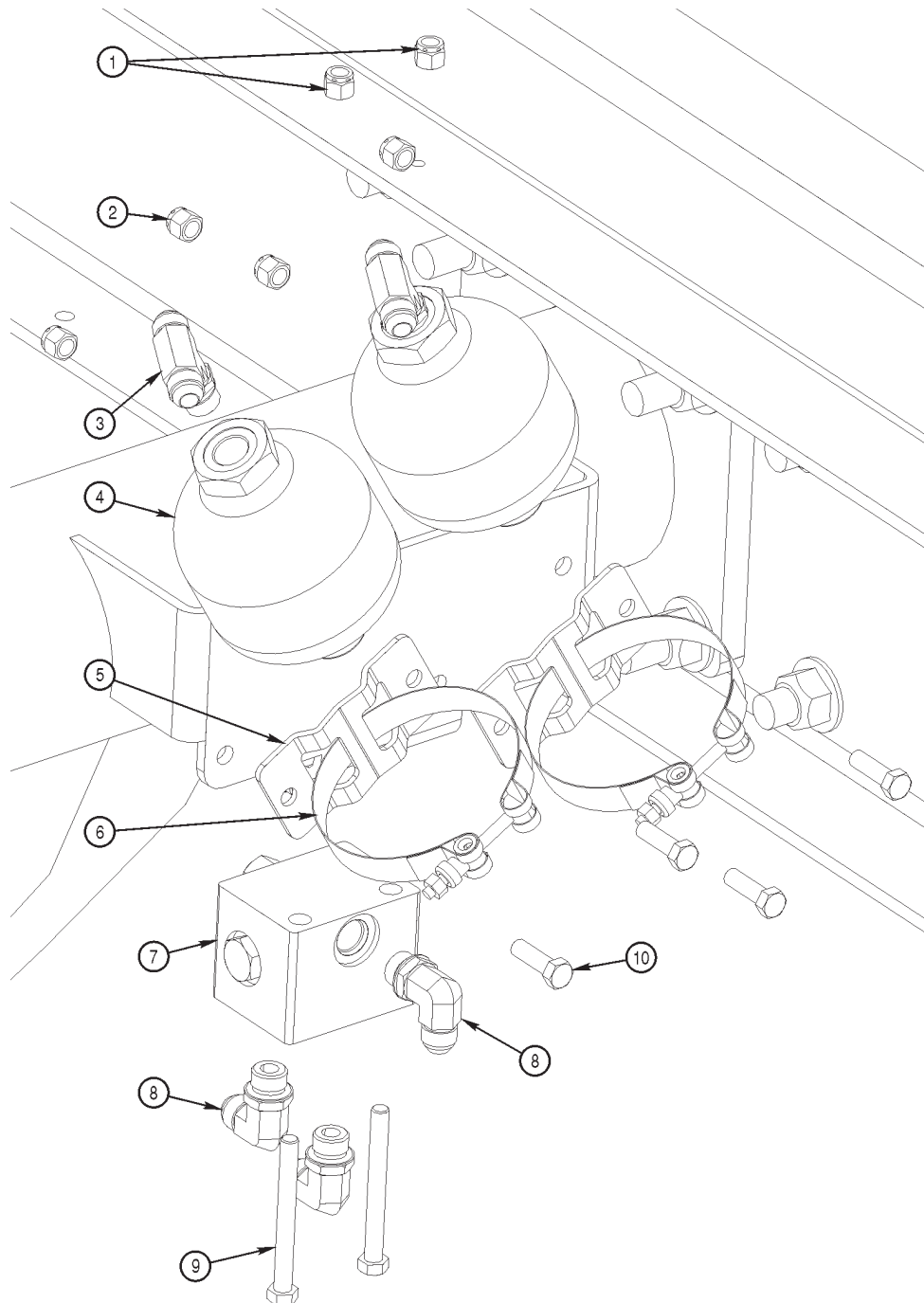
Item	Part Number	Qty	Description	Comments
1	900002885	2	Bolt, HHCS 3/8-16 x 4 G8	
2A	810000016	1	Manifold, Boom - AutoBoom Ready	
2B	810000017	1	Manifold, Boom	
3	902003210	2	Washer, Flat 1/2" G5 ZP	
4	901003020	2	Nut, Nylock 3/8"	



Item	Part Number	Qty	Description	Comments
1	810000016	1	Manifold, Boom - AutoBoom Ready	
2	810000061	8	Check Valve, Boom Manifold	Seal Kit P/N 810000055
3	810000043	4	Pilot Piston Assembly, Size 6	
4	800302304	8	Orifice, 14-20 Plug 0.040 DIA	
5	800303022	11	Fitting, 6 FLM x 6 ORM ST	
6	810000067	1	Check Valve, AutoBoom Manifold	Seal Kit P/N 810000052
7	611000186	2	Pressure Transducer	
8	800302301	4	Orifice, 14-20 Plug 0.060 DIA	
9	800000550	8	Plug, SAE 2 ORB Hollow Hex	
10	810000063	4	Solenoid Valve, Left and Right Up/Down	Seal Kit P/N 810000053
11	810000040	6	Coil, Hydac 12 volt	
12	810000064	4	Nut, Hydac Coil Size 8	
13	810000065	2	Solenoid Valve, Proportional	Seal Kit P/N 810000057
14	810000066	2	Nut, Hydac Coil Size 8 Open	
15	810000060	4	Nut, Hydac Coil Size 6	
16	810000062	8	Coil, Hydac 12 volt Size 6	
17	810000059	4	Solenoid Valve	Seal Kit P/N 810000069
18	NSS	11	Plug	Included with manifold 810000016
19	800000690	1	Plug, O-ring Hex 6408-6	
20	800303030	1	Fitting, 8 FLM x 8 ORM ST	
21	800501060	2	Tee, Swivel Nut Run 8 JIC	
22	800302131	2	Fitting, 8 FLF x 4 FLM	
	K65000193		Kit, AutoBoom PowerGlide Plus	
	K65000194		Kit, AutoBoom UltraGlide	
	K65000195		Kit, AutoBoom UltraGlide with Wheels	

Brake Accumulator Manifold

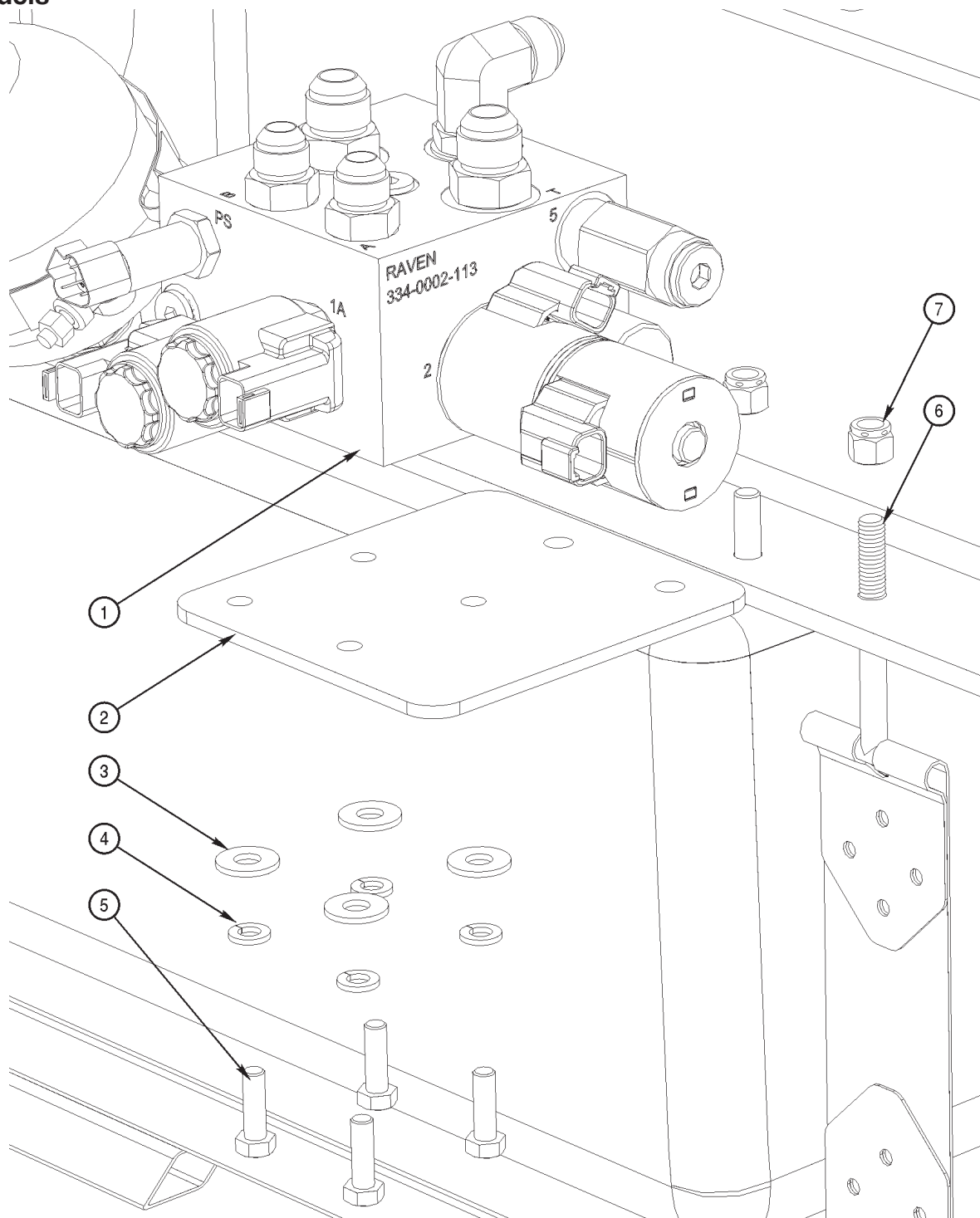
All Models



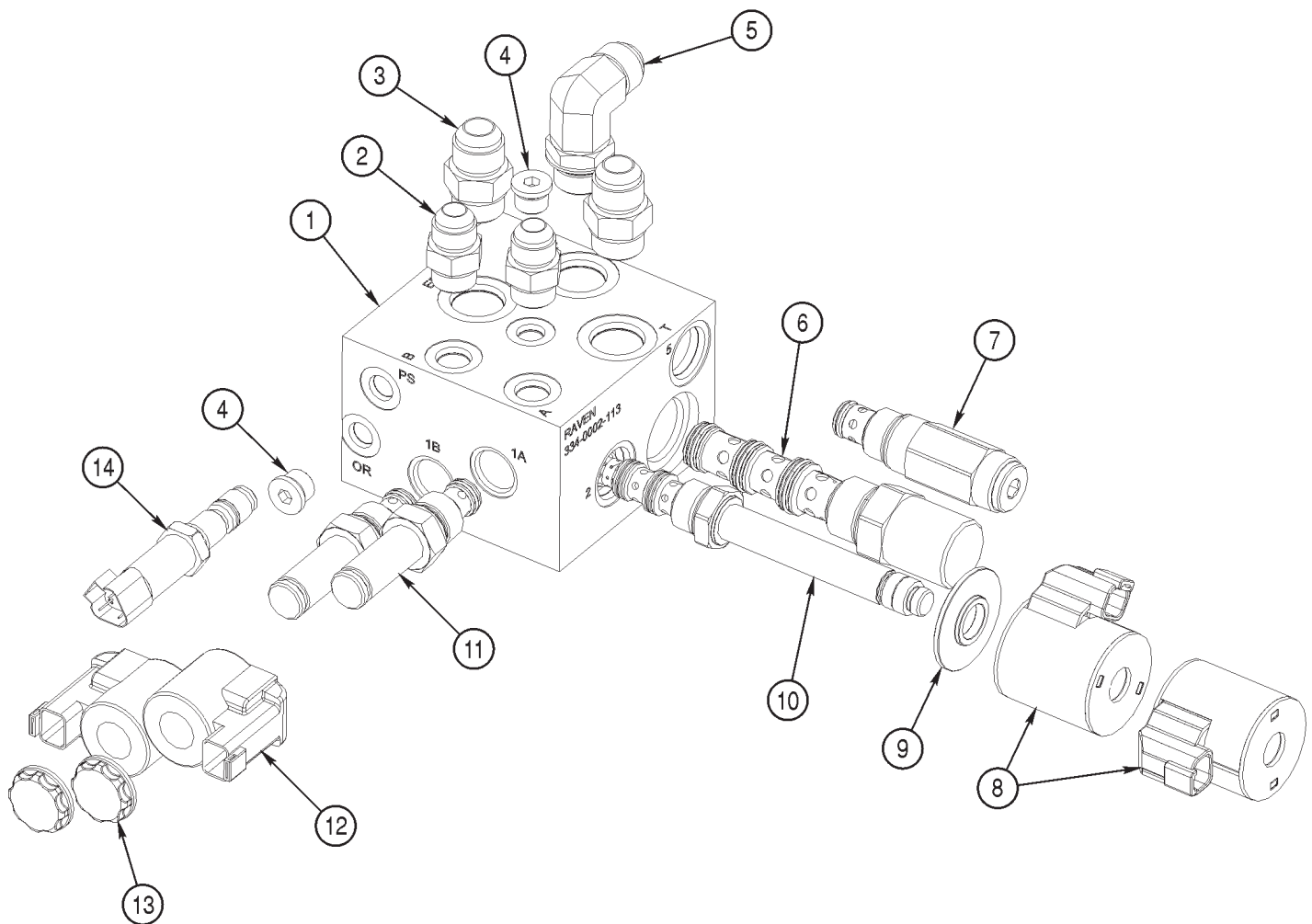
Item	Part Number	Qty	Description	Comments
1	902201108	2	Nut, Nylock 7/16-14 ZP	
2	901003020	4	Nut, Nylock 3/8-16 ZP	
3	800302132	2	Tee, ORM Branch 8 JIC	
4	301301120	2	Accumulator, Brake	Charged to 1200 PSI
5	890000115	2	Bracket, Accumulator	
6	301301121	2	Clamp, Brake Accumulator	
7	810000025	1	Manifold, Shuttle Valve	
8	800404230	3	Fitting, 8 FLM x 8 ORM 90	
9	902201107	2	Bolt, HHCS 7/16-14 x 3 1/2	
10	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
	800000581	1	Plug, 3/8" Hex Socket Straight Thread O-ring	Not shown

AutoSteer Manifold

All Models



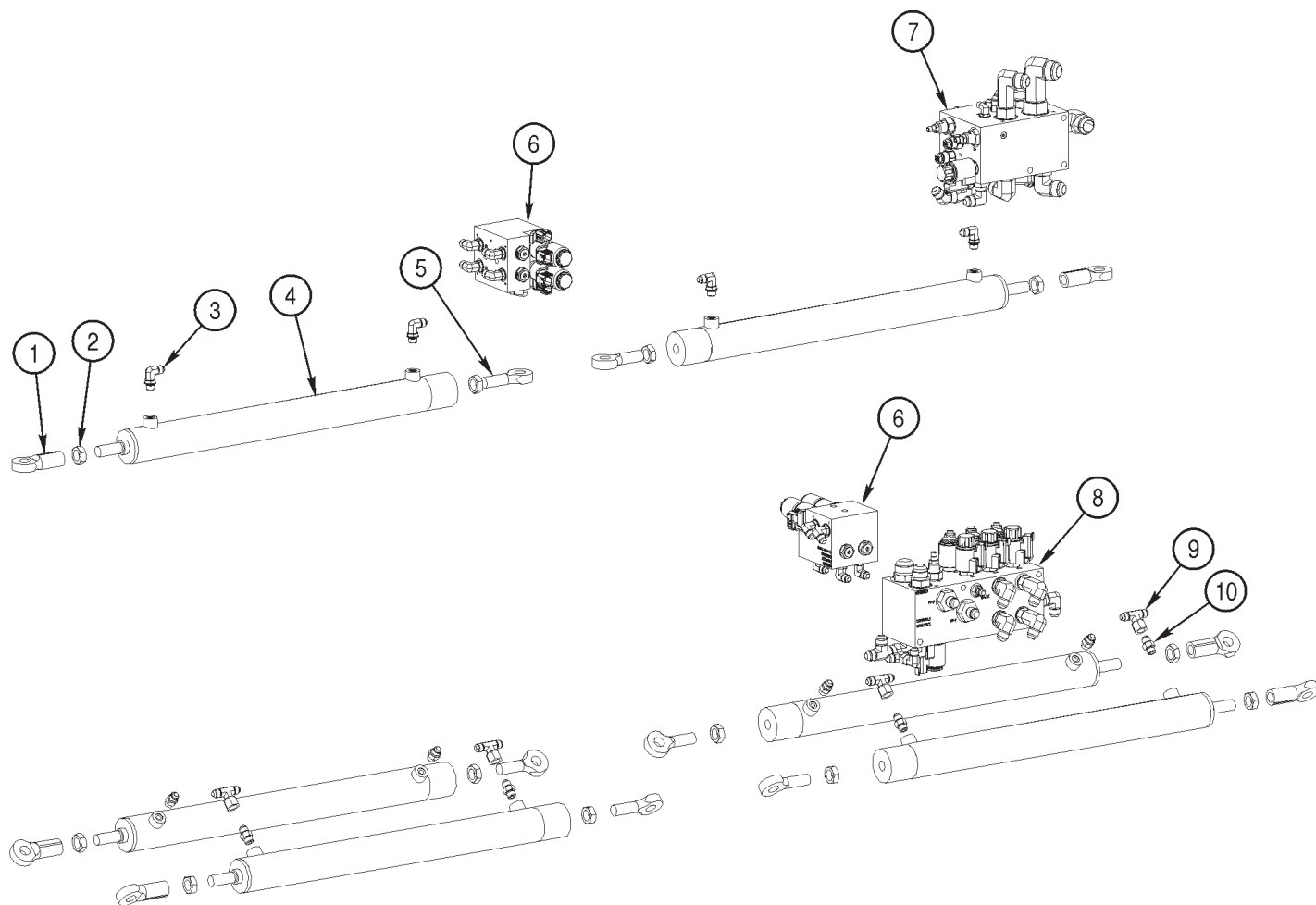
Item	Part Number	Qty	Description	Comments
1	740000135	1	Valve, SmarTrax AutoSteer	Open Center System
2	740000157	1	Bracket, AutoSteer Manifold	
3	902003195	4	Washer, Flat 5/16" ZP	
4	902201095	4	Washer, Lock 5/16" ZP	
5	900002610	4	Bolt, HHCS 5/16-18 x 1 G5 ZP	
6	201400025	2	Strap, Fuel Tank	
7	901003020	4	Nut, Nylock 3/8" ZP	
	K65000192		Kit, AutoSteer SmarTrax	Complete Assembly



Item	Part Number	Qty	Description	Comments
1	740000135	1	Valve, SmarTrax AutoSteer	Open Center System
2	800303030	2	Fitting, 8 FLM x 8 ORM ST	
3	800302242	2	Fitting, 10 FLM x 10 ORM ST	
4	800000690	2	Plug, ST THD O-ring Hex 6408-6	
5	800320150	1	Fitting, 10 FLM x 10 ORB 90	
6	810000073	1	Pressure Comp Size 12	
7	810000074	1	Relief Cartridge Size 10	
8	810000075	2	Coil, 12V Size 10	
9	810000076	1	Spacer, Coil, 12V Size 10	
10	810000072	1	Solenoid Valve, Proportional L Size 10	
11	810000033	2	Solenoid Valve	Seal Kit P/N 810000053
12	810000040	2	Coil, Hydac 12 Volt	
13	810000041	2	Nut, Hydac Coil Short	
14	611000186	1	Pressure Transducer	
	740000065	1	Switch, Floor SmarTrax	
	740000118	1	Cable, Serial 9 Pin 6' Male to Female	
	740000157	1	Bracket, Autosteer	
	740000155	1	Harness, CAN SmarTrax Cab	
	740000156	1	Harness, CAN SmarTrax Valve	
	K65000192		Kit, AutoSteer SmarTrax	Complete Assembly

Adjust On the Go

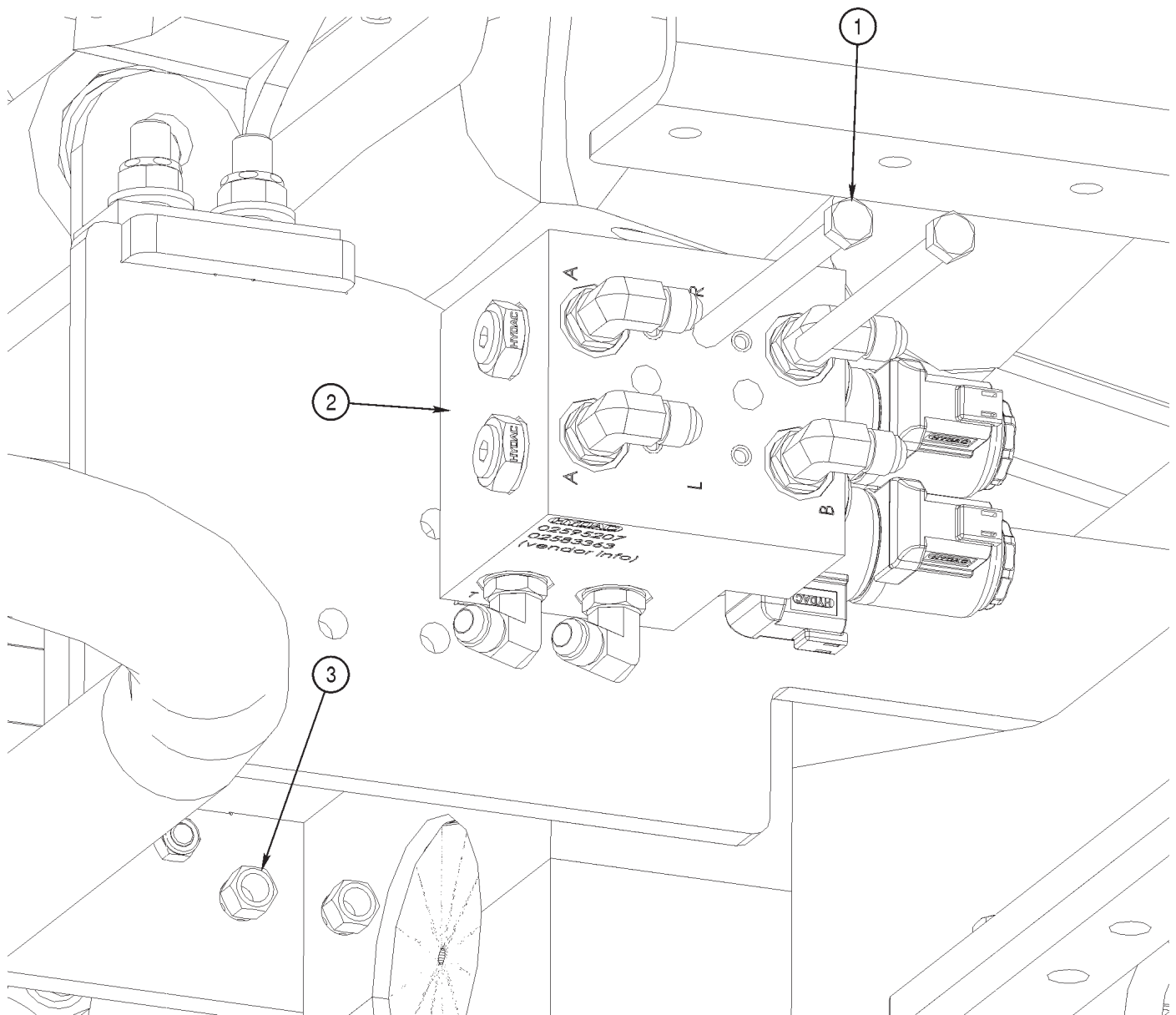
All Models



Item	Part Number	Qty	Description	Comments
1	100106118	6	Ball Joint, Female R/H Thread	
2	901002117	12	Nut, Jam 3/4-16	
3	800404215	4	Fitting, 6 FLM x 6 ORM 90	
4	850000005	6	Cylinder, Adjust On the Go	
5	100106117	6	Ball Joint, Male R/H Thread	
6	810000020	2	Manifold, Adjust On the Go	
7	810000006	1	Manifold, Junction	
8	810000010	1	Manifold, Suspension	
9	800502805	4	Fitting, 6 FLM x 6 FLF x 6 FLM	
10	800303022	8	Fitting, 6 FLM x 6 ORM ST	
	700000545		Harness, Adjust On the Go 2011	
	A00000075		Kit, Fitting Adjust On the Go	
	A00000076		Kit, Hose Adjust On the Go	
	K65000035		Kit, Adjust On the Go 2005	
	K65000186		Kit, Adjust On the Go 2006 - 2010	
	K65000201		Kit, Adjust On the Go 2011	

Adjust On the Go Front Mount

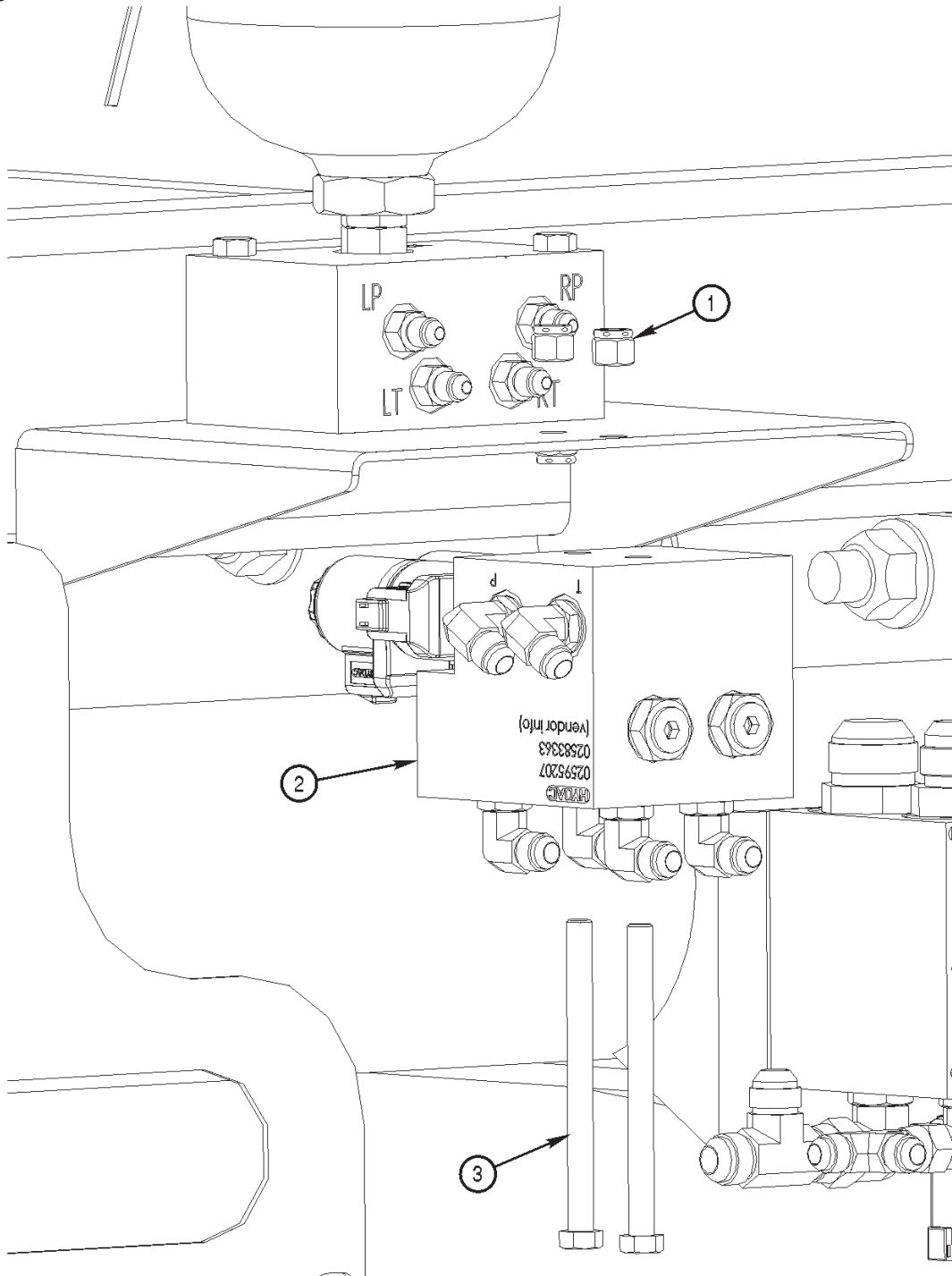
All Models



Item	Part Number	Qty	Description	Comments
1	900000490	2	Bolt, HHCS 3/8-16 x 5 G5	
2	810000020	1	Manifold, Adjust On the Go	
3	901003020	2	Nut, Nylock 3/8-16	
	700000545		Harness, Adjust On the Go 2011	
	A00000075		Kit, Fitting Adjust On the Go	
	A00000076		Kit, Hose Adjust On the Go	
	K65000035		Kit, Adjust On the Go 2005	
	K65000186		Kit, Adjust On the Go 2006-2010	
	K65000201		Kit, Adjust On the Go 2011	

Adjust On the Go Rear Mount

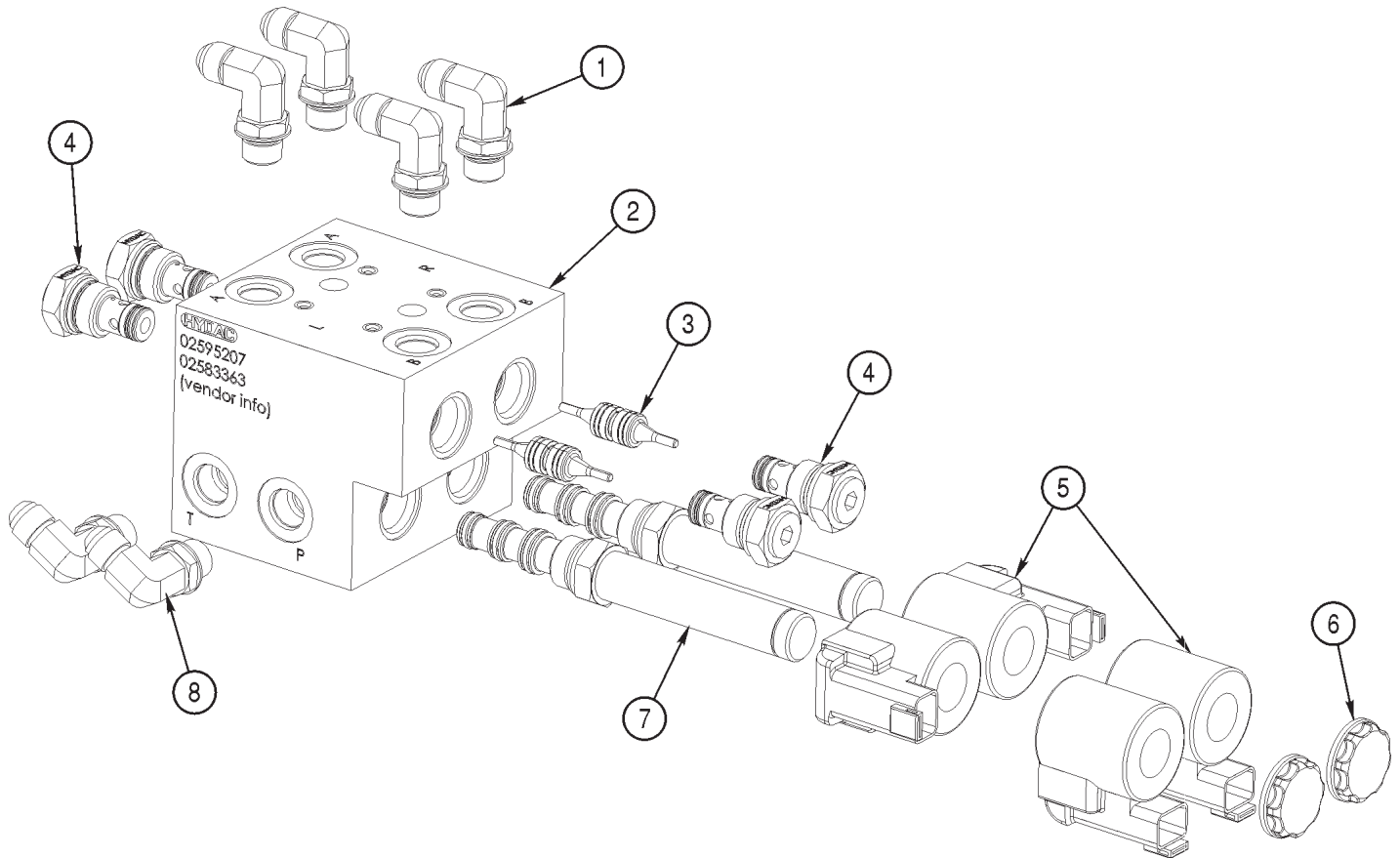
All Models



Item	Part Number	Qty	Description	Comments
1	901003020	2	Nut, Nylock 3/8-16	
2	810000020	1	Manifold, Adjust On the Go	
3	900000490	2	Bolt, HHCS 3/8-16 x 5 G5	
	700000545		Harness, Adjust On the Go 2011	
	A00000075		Kit, Fitting Adjust On the Go	
	A00000076		Kit, Hose Adjust On the Go	
	K65000035		Kit, Adjust On the Go 2005	
	K65000186		Kit, Adjust On the Go 2006-2010	
	K65000201		Kit, Adjust On the Go 2011	

Adjust On the Go Manifold

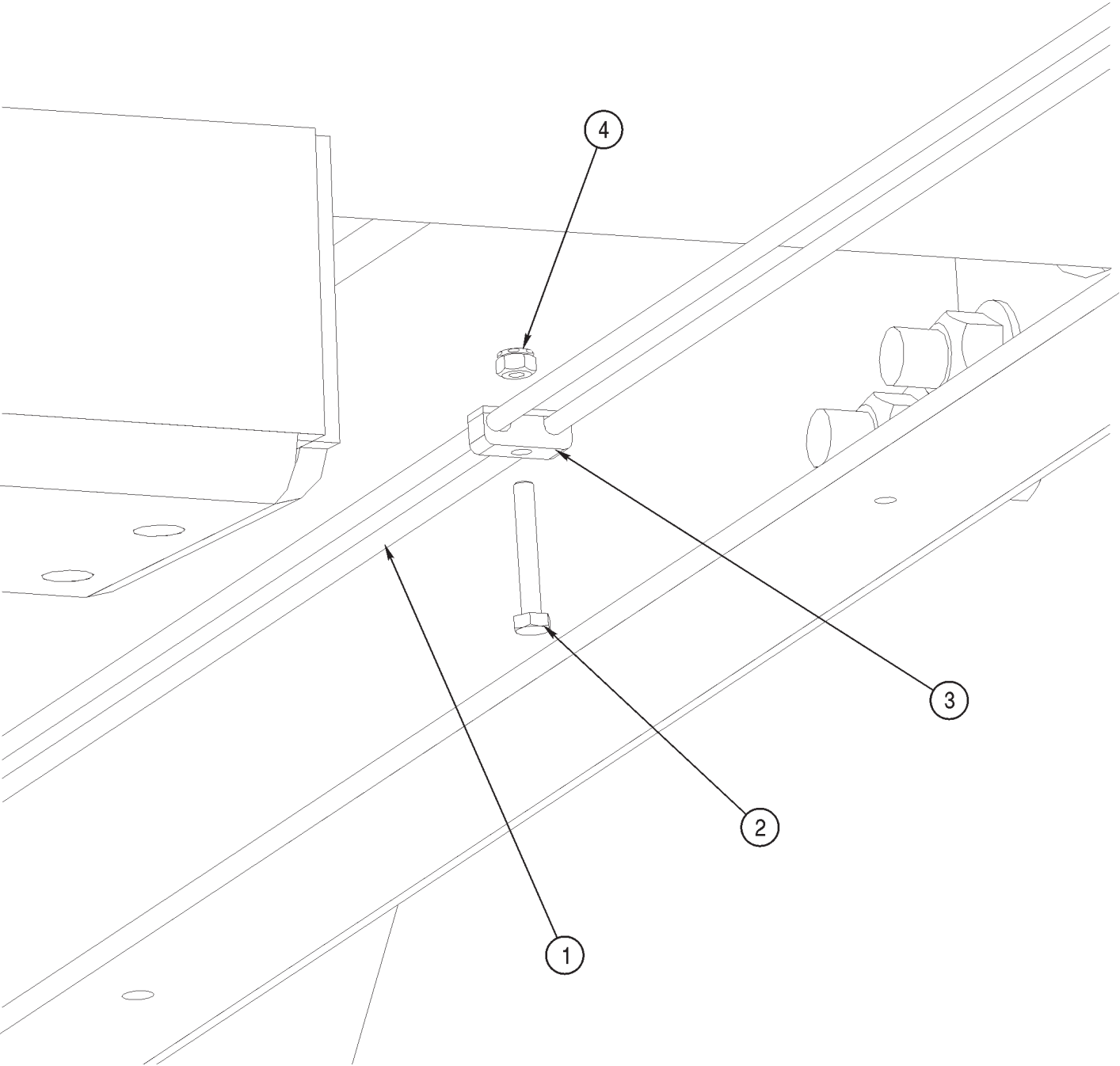
All Models



Item	Part Number	Qty	Description	Comments
1	800404215	4	Fitting, 6 FLM x 6 ORM 90	
2	810000020	1	Manifold, Adjust On the Go	
3	810000071	4	Pilot Piston Assembly, dual, Size 8	
4	810000070	4	Check Valve, Adjust On the Go	Seal Kit P/N 810000077
5	810000040	4	Coil, Hydac 12 Volt	
6	810000041	2	Nut, Hydac Coil Short	
7	810000034	2	Solenoid Valve	Seal Kit P/N 810000054
8	800404219	2	Fitting, 6 FLM x 6 ORM 90	0.046 Restrictor
	700000545		Harness, Adjust On the Go 2011	
	A00000075		Kit, Fitting Adjust On the Go	
	A00000076		Kit, Hose Adjust On the Go	
	K65000201		Kit, Adjust On the Go	
	K65000035		Kit, Adjust On the Go 2005	
	K65000186		Kit, Adjust On the Go 2006-2010	

Brake Line Clamps

All Models



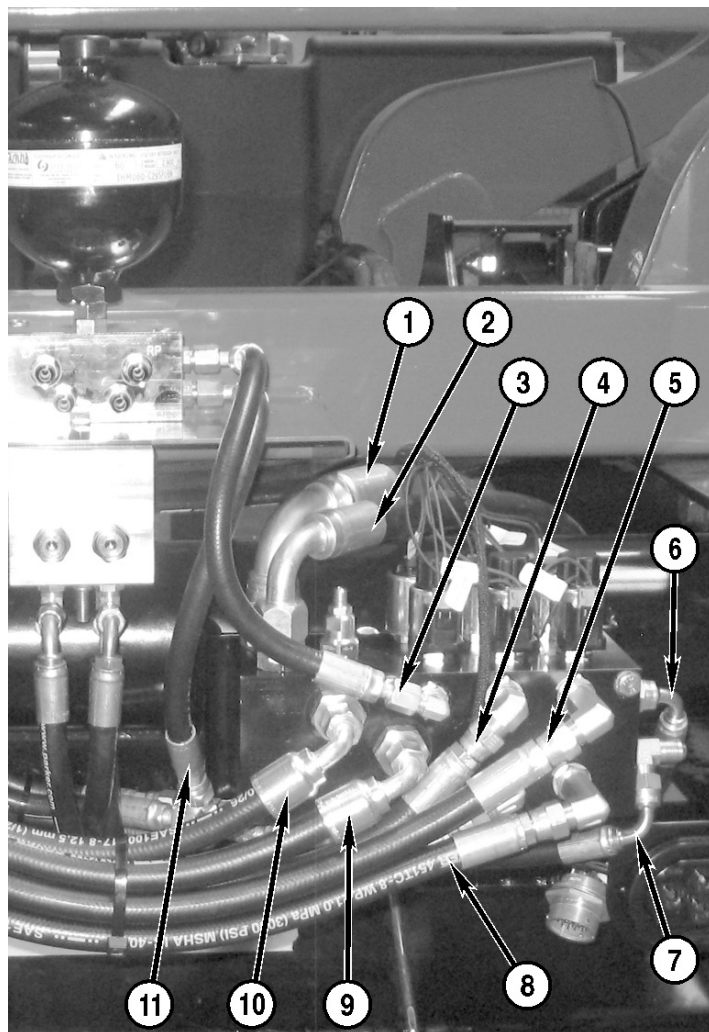
Item	Part Number	Qty	Description	Comments
1	825000125	2	Tube, Hydraulic brake Line	
2	900002406	3	Bolt, HHCS 1/4-20 x 1 1/4" G5	
3	915002000	3	Clamp, Stauff	
4	901003000	3	Nut, Nylock 1/4" ZP	
	800200292	1	Hose, L/H differential to steel brake line	
	800200291	1	Hose, R/H differential to steel brake line	
	825000400	A/R	Ferrule, 1/4" Brake Line	

Hoses and Fittings

Hydraulic

Hoses

1. **Junction manifold T1 to Suspension Manifold T1**
All Models - Part Number 800200253
1" Female Swivel JIC
1" Female Swivel JIC 90
16" 100R4
2. **Junction Manifold P1 to Suspension Manifold P1**
All Models - Part Number 800200252
3/4" Female Swivel JIC
3/4" Female Swivel JIC 90
144" 451TC
3. **Suspension Manifold Rack to Rack Manifold P**
All Models - Part Number 800200256
3/8" Female Swivel JIC
3/8" Female Swivel JIC 90
19" 451TC
4. **Right Sway Cylinder Top to Suspension Manifold R1**
All Models - Part Number 800200261
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
92" 451TC
5. **Right Ram Cylinder to Suspension Manifold R2**
All Models - Part Number 800200262
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
89" 451TC
6. **Left Sway Cylinder Return to Suspension Manifold T3**
All Models - Part Number 800200257
3/8" Female Swivel JIC
1/2" Female Swivel JIC 90
53" 451TC
7. **Right Sway Cylinder Return to Suspension Manifold T4**
All Models - Part Number 800200260
3/8" Female Swivel JIC
1/2" Female Swivel JIC 90
84" 451TC
8. **Left Sway Cylinder Top to Suspension Manifold L1**
All Models - Part Number 800200258
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
73" 451TC
9. **Product Pump to Suspension Manifold PP-P and PP-T**
All Models - Part Number 800200270
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
142" 451TC
10. **Product Pump to Suspension Manifold PP-P and PP-T**
All Models - Part Number 800200270
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
142" 451TC
11. **Suspension Manifold T2 to m Rack Manifold T**
All Models - Part Number 800200255
1/2" Female Swivel JIC
3/8" Female Swivel JIC 90
22" 451TC



- 12. AOG RB to Outside Cylinder Right Rear**
AOG Option - Part Number 800200242
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC 90
 63" 451TC

- AOG RA to Inside Cylinder Right Rear (Not Shown)**
AOG Option - Part Number 800200241
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC 90
 44" 451TC

- 13. AOG LB to Outside Cylinder Left Rear**
AOG Option - Part Number 800200240
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC 90
 64" 451TC

- AOG LA to Inside Cylinder Left Rear (Not Shown)**
AOG Option - Part Number 800200239
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC 90
 47.5" 451TC

- 14. AOG Rear P to Suspension Manifold P2**
AOG Option - Part Number 800200237
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 15.5" 451TC

- 15. AOG Rear T to Suspension Manifold T2**
AOG Option - Part Number 800200238
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 15" 451TC

- 16. Suspension Block to Boom Block Pressure**
All Models - Part Number 800200294
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC 90
 70" 451TC

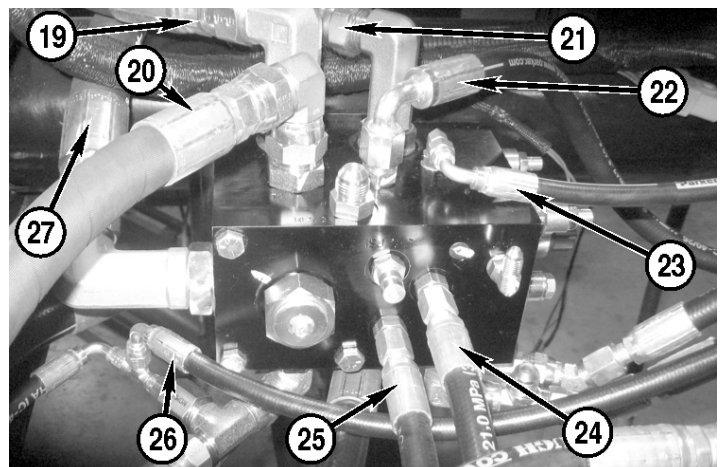
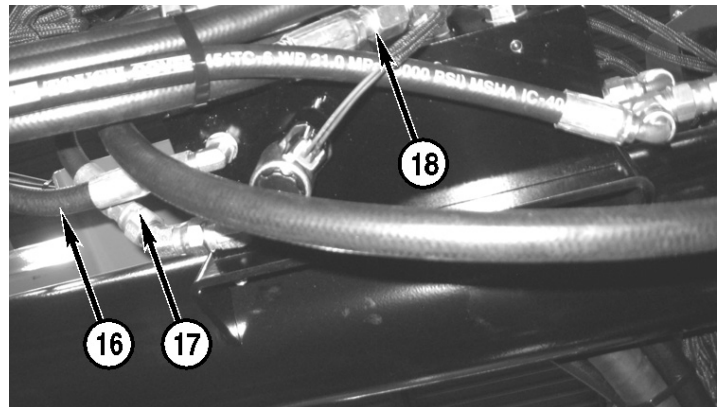
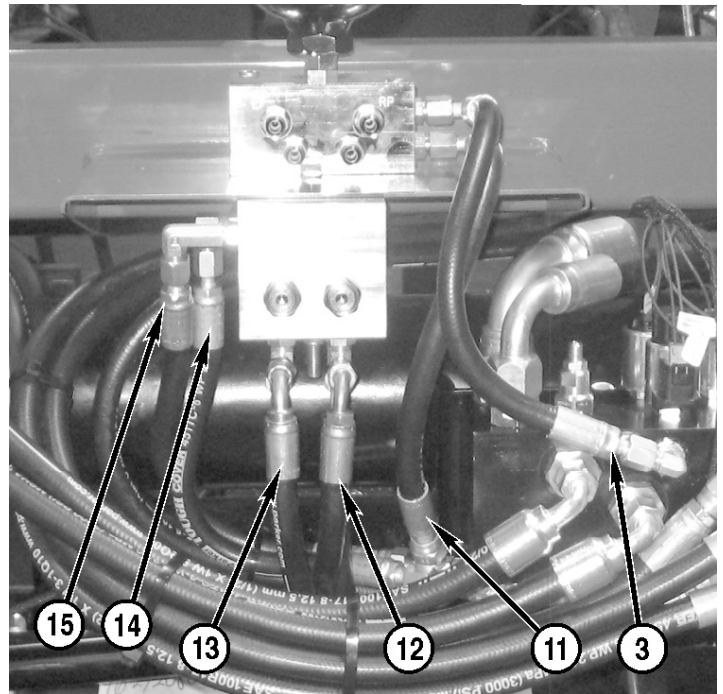
- 17. Suspension Manifold T2 to m Rack Manifold T**
All Models - Part Number 800200255
 1/2" Female Swivel JIC
 3/8" Female Swivel JIC 90
 22" 451TC

- 18. Right Sway Cylinder Top to Suspension Manifold R1**
All Models - Part Number 800200261
 1/2" Female Swivel JIC
 1/2" Female Swivel JIC 90
 92" 451TC

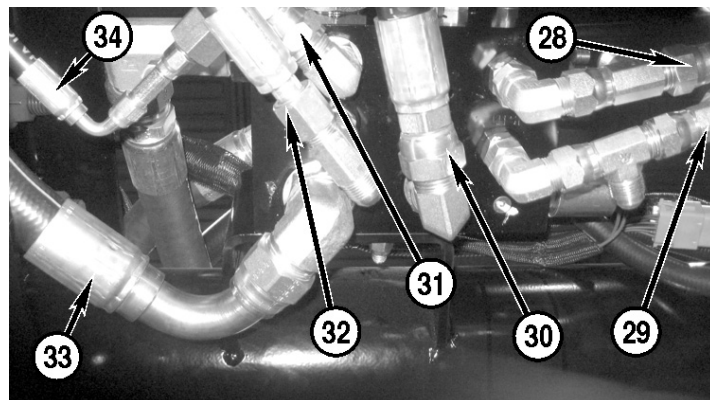
- 19. Junction Manifold T1 to Suspension Manifold T1**
All Models - Part Number 800200253
 1" Female Swivel JIC
 1" Female Swivel JIC 90
 16" 100R4

- 20. Fan Out (L/H) to Junction Manifold T2**
All Models - Part Number 800200246
 3/4" Female Swivel JIC
 3/4" Female Swivel JIC
 111.5" 100R4

- 21. Junction Manifold P1 to Suspension Manifold P1**
All Models - Part Number 800200252
 3/4" Female Swivel JIC
 3/4" Female Swivel JIC 90
 144" 451TC



- 22. Junction Manifold P2 to Shuttle Valve**
All Models - Part Number 800200254
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
22" 451TC
- 23. Junction Manifold LD to Cylinder on Ladder**
All Models - Part Number 800200269
1/4" Female Swivel JIC
1/4" Female Swivel JIC 90
89" 451TC
- 24. Right Rear Cylinder to Junction Manifold LHC**
All Models - Part Number 800200275
3/8" Female Swivel JIC
3/8" Female Swivel JIC 90
173.5" 451TC
- 25. Left Rear Cylinder to Junction Manifold RHC**
All Models - Part Number 800200274
3/8" Female Swivel JIC
3/8" Female Swivel JIC 90
189.5" 451TC
- 26. Ladder Cylinder Return to Junction Manifold CD**
All Models - Part Number 800200271
1/4" Female Swivel JIC
1/4" Female Swivel JIC 90
93" 451TC
- 27. Junction Manifold Res to Top Left Hydraulic Tank**
All Models - Part Number 800200263
1" Female Swivel JIC
1" Female Swivel JIC
60" 100R4
- 28. Steering Motor Out (Bottom Right) to Junction Manifold RH**
All Models - Part Number 800200287
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
15.5" 451TC
- 29. Steering Motor Out (Top Right) to Junction Manifold LH**
All Models - Part Number 800200286
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90
41" 451TC
- 30. Hydraulic Silencer to Junction Manifold P**
All Models - Part Number 800200250
3/4" Female Swivel JIC
3/4" Female Swivel JIC 90
19.5" 451TC
- 31. Pump Case Drain to Junction Manifold**
All Models - Part Number 800200248
5/8" Female Swivel JIC
5/8" Female Swivel JIC 90
40" 451TC
- 32. Steering Motor Return (Top Left) T to Junction Manifold GPS/GT**
All Models - Part Number 800200284
1/2" Female Swivel JIC
1/2" Female Swivel JIC 90 LD
40" 451TC
- 33. Right Cooler Hydac to Junction Manifold OCI**
All Models - Part Number 800200245
1" Female Swivel JIC
1" Female Swivel JIC 90
105" 100R4



34. Fan Motor Case Drain to Junction Manifold CD

All Models - Part Number 800200249

1/4" Female Swivel JIC

1/4" Female Swivel JIC 90

101.5" 451TC

35. Rear Gear Pump (Fan) to Hydraulic Tank Bottom

All Models - Part Number 800200265

1" Female swivel JIC

1" Female swivel JIC

62" 100R4

36. Front Gear Pump (Steering) to Hydraulic Tank Middle Right

All Models - Part Number 800200267

1" Female swivel JIC

1" Female swivel JIC

81.5" 100R4

37. Piston Pump Suction to Hydraulic Tank Middle Left

All Models - Part Number 800200268

1" Female Swivel JIC

1" Female Swivel JIC

87" 100R4

38. Pump Case Drain to Junction Manifold

All Models - Part Number 800200248

5/8" Female Swivel JIC

5/8" Female Swivel JIC 90

40" 451TC

39. AutoSteer Port P to Gear Pump (Front)

AutoSteer Option - Part Number 800200281

5/8" Female Swivel JIC

5/8" Female Swivel JIC

30.5" 451TC

40. Fan In (Right Side) to Rear Gear Pump

All Models - Part Number 800200247

5/8" Female Swivel JIC

5/8" Female Swivel JIC

106" 451TC

41. Right Sway Cylinder Top to Suspension Manifold R1

All Models - Part Number 800200261

1/2" Female Swivel JIC

1/2" Female Swivel JIC 90

92" 451TC

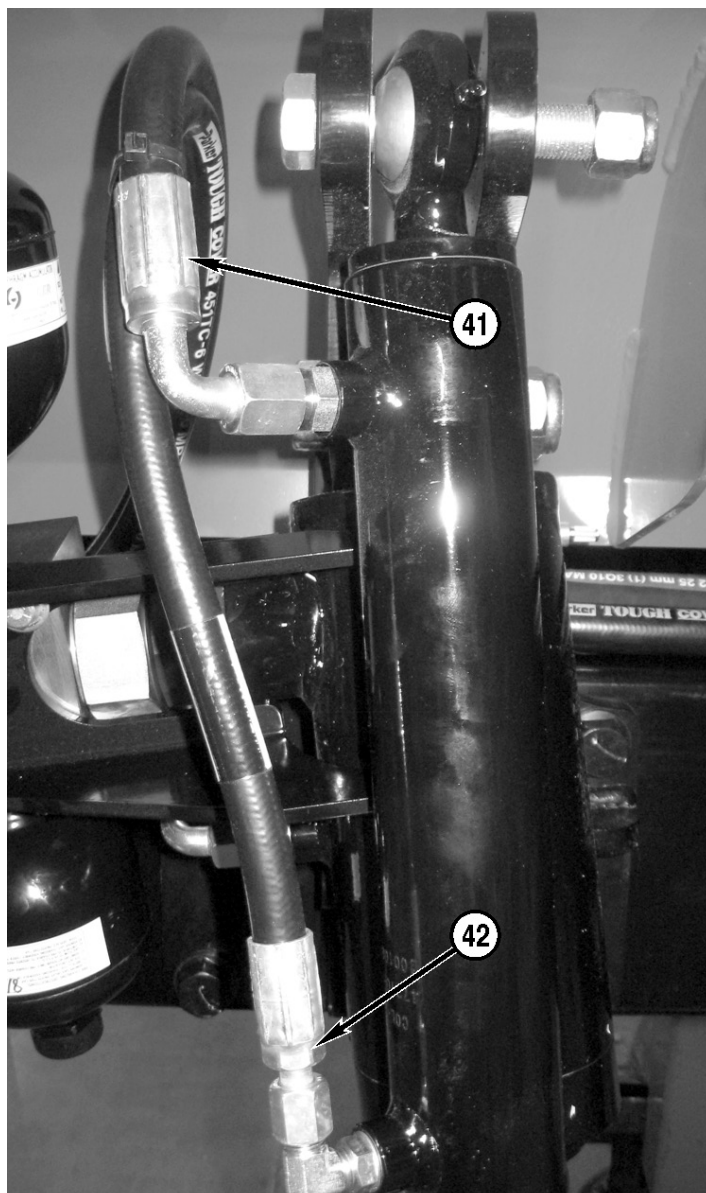
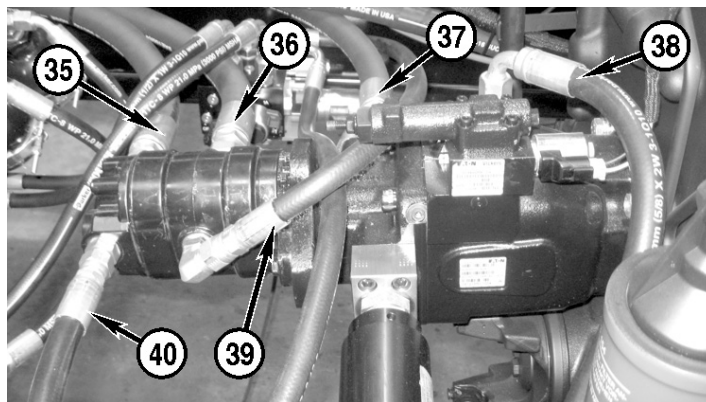
42. Left Sway Cylinder return to Suspension Manifold T3

All Models - Part Number 800200257

3/8" Female Swivel JIC

1/2" Female Swivel JIC 90

53" 451TC



43. Left Front Cylinder to Right Front Cylinder

Adjustable Axle - Part Number 800200273

3/8" Female Swivel JIC

3/8" Female Swivel JIC

170.5" 451TC

44. Right Rear Cylinder to Junction Manifold LHC

All Models - Part Number 800200275

3/8" Female Swivel JIC

3/8" Female Swivel JIC 90

173.5" 451TC

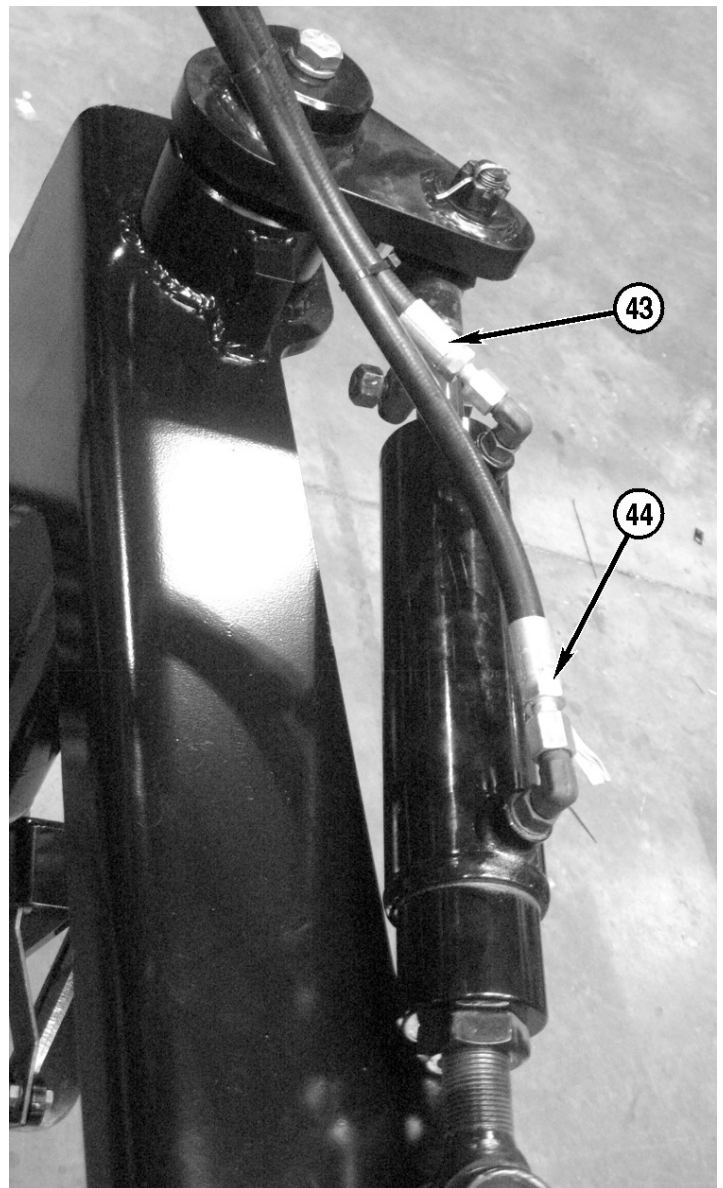
Left Rear Cylinder to Junction Manifold RHC (Not Shown)

All Models - Part Number 800200274

3/8" Female Swivel JIC

3/8" Female Swivel JIC 90

189.5" 451TC



45. Left Steering Hose

Fixed Axles - Part Number 800200276

3/8" Female Swivel JIC

3/8" Female Swivel JIC

125" 451TC-6

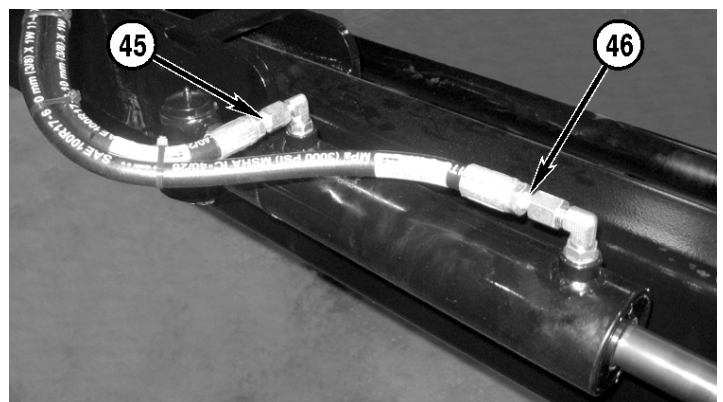
46. Right Steering Hose

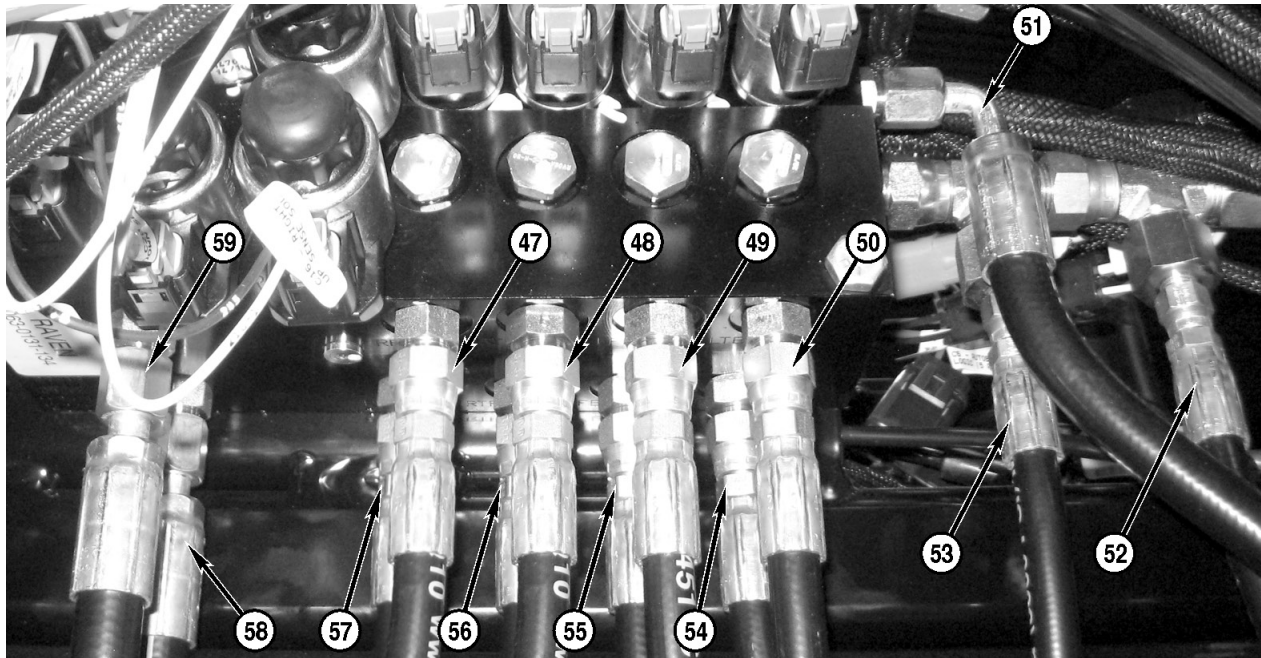
Fixed Axles - Part Number 800200277

3/8" Female Swivel JIC

3/8" Female Swivel JIC

132" 451TC-6





47. Boom Block to Cylinder Fold Out
All Models - Part Number 800200301
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 62" 451TC

48. Boom Block to Right Tip Out
All Models - Part Number 800200300
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 331" 451TC

49. Boom Block to Cylinder Fold Out
All Models - Part Number 800200301
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 62" 451TC

50. Boom Block to Left Tip Out
All Models - Part Number 800200299
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 336" 451TC

51. Suspension Block to Boom Block Pressure
All Models - Part Number 800200294
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC 90
 70" 451TC

52. Boom Block To Left Tilt Vent
All Models - Part Number 800200305
 3/8" Female Swivel JIC
 1/4" Female Swivel JIC
 145" 451TC

53. Boom Block To Right Tilt Vent
All Models - Part Number 800200304
 3/8" Female Swivel JIC
 1/4" Female Swivel JIC
 145" 451TC

54. Boom Block To Left Tip In
All Models - Part Number 800200297
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 353" 451TC

55. Boom Block to Cylinder Fold In
All Models - Part Number 800200302
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 52" 451TC

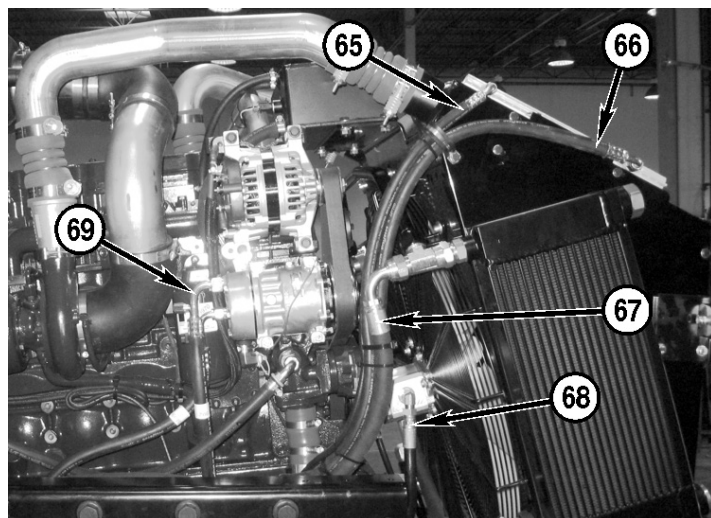
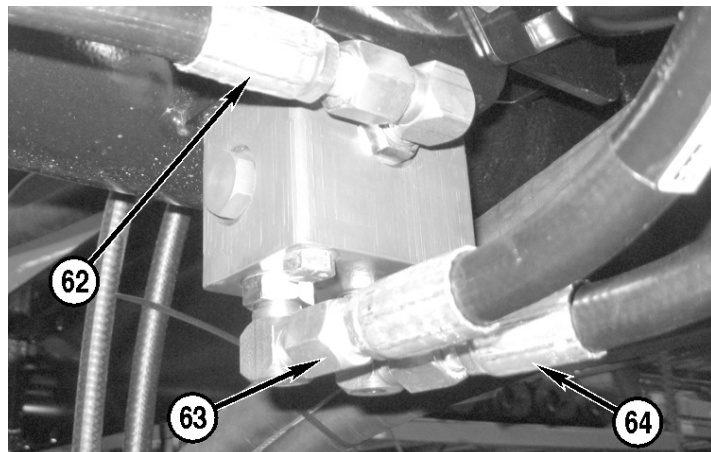
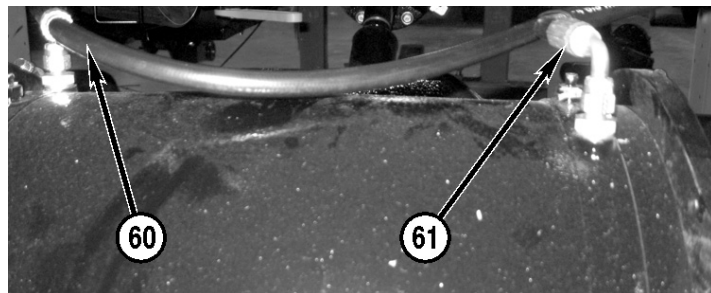
56. Boom Block To Right Tip In
All Models - Part Number 800200298
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 348" 451TC

57. Boom Block to Cylinder Fold In
All Models - Part Number 800200302
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 52" 451TC

58. Boom Block to Tilt Cylinder
All Models - Part Number 800200296
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 153" 451TC

59. Boom Block to Tilt Cylinder
All Models - Part Number 800200296
 3/8" Female Swivel JIC
 3/8" Female Swivel JIC
 153" 451TC

- 60. Differential Brake Left To Left Steel Brake Line**
All Models - Part Number 800200292
 1/4" Female Swivel JIC 90
 1/4" Compression
 33.5" 451TC
- 61. Differential Brake Right To Right Steel Brake Line**
All Models - Part Number 800200291
 1/4" Female Swivel JIC 90
 1/4" Compression
 23.5" 451TC
- 62. Junction Manifold P2 to Shuttle Valve**
All Models - Part Number 800200254
 1/2" Female Swivel JIC
 1/2" Female Swivel JIC 90
 22" 451TC
- 63. Shuttle Valve to Accumulator**
All Models - Part Number 800200251
 1/2" Female Swivel JIC
 1/2" Female Swivel JIC 45
 18" 451TC
- 64. Shuttle Valve to Accumulator**
All Models - Part Number 800200251
 1/2" Female Swivel JIC
 1/2" Female Swivel JIC 45
 18" 451TC
- 65. A/C Condenser to Drier**
All Models - Part Number 420110011
 #6 A/C Hose
- 66. A/C Compressor to Condenser**
All Models - Part Number 420110010
 #8 A/C Hose
- 67. Transmission Cooler Top to ZF Transmission Top**
AS1020 and AS1220 - Part Number 800200226
 1" Female Swivel JIC
 1" Female Swivel JIC 90 LD
 79" 100R4
- 68. Fan In (Right Side) to Rear Gear Pump**
All Models - Part Number 800200247
 5/8" Female Swivel JIC
 5/8" Female Swivel JIC
 106" 451TC
- 69. A/C Evaporator to Compressor**
All Models - Part Number 420110013
 #6 A/C Hose
- A/C Drier to Evaporator (Not Shown)**
All Models - Part Number 420110012
 #10 A/C Hose



Non-Hydraulic

Hoses and Fittings AS720 and AS1020

Part Number	Qty	Description	Comments, Where Used
RM800675	3 feet	Hose 3/4 Heater CHK 70133	
RM800325	8 feet	Fuel Line 3/8" H177	Cummins Engine
RM800500	6 feet	Fuel Line 1/2"	Cummins Engine
RM800650	21 feet	Hose Heater Black H168	Cummins Engine
420110013	1	Hose, A/C Evaporator to Compressor	A/C
420110012	1	Hose, A/C Drier to Evaporator	A/C
420110010	1	Hose, A/C Compressor to Cond Cummins	A/C, 420120001 Switch A/C Pressure Binary
420110011	1	Hose, A/C Cond to Drier Cummins	A/C
201199098	8 inch	Hose, 2" Silicone Hose for Charge Air	Cooling Package
201200007	4	Coupler, Nomex 3" ID 6" Long	Cooling Package
520400104	8 inch	Hose Coupling 1.75"	Cooling Package
RM800100	4 feet	Fuel Line, 1/4" H175	Cooling Package
RM800850	4 feet	Hose, 1" Rubber AG300	Rinse Tank
RM801050	5 feet	Hose, 2" AG Suction EPDM 3	Rinse Tank
RM800950	16 feet	Hose, 1 1/2" AG Suction EPDM 3	Poly Product Tank
RM801050	8 feet	Hose, 2" AG Suction EPDM 3	Poly Product Tank
RM801075	4 feet	Hose, 3" AG Suction EPDM 3	Poly Product Tank Quick Flow
RM800950	16 feet	Hose, 1 1/2" AG Suction EPDM 3	Poly Product Tank Quick Flow
RM801050	8 feet	Hose, 2" AG Suction EPDM 3	Poly Product Tank Quick Flow
RM800850	16 feet	Hose, 1" Rubber AG300	Stainless Product Tank
RM800950	16 feet	Hose, 1 1/2" AG Suction EPDM 3	Stainless Product Tank
RM801050	4 feet	Hose, 2" AG Suction EPDM 3	Stainless Product Tank
RM800850	16 feet	Hose, 1" Rubber AG300	Stainless Product Tank Quick Flow
RM801050	16 feet	Hose, 2" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM801075	2 feet	Hose, 3" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump
RM801050	2 feet	Hose, 2" AG Suction EPDM 3	Product Pump
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump Quick Flow
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump Quick Flow
RM801075	2 feet	Hose, 3" AG Suction EPDM 3	Product Pump Quick Flow
RM800876	21 feet	Hose, 1 1/2" Flat Inductor	Inductor
RM800850	30 feet	Hose, 1" Rubber AG300	Roto-Flush
RM800850	20 feet	Hose, 1" Rubber AG300	Extra Rinse Tank
RM800150	30 feet	Hose, Air Line NT 10004BK	Pressure Gages on Right Side of Cab
RM800850	55 feet	Hose, 1" Rubber AG300	Wet System
RM800601	84 feet	Hose, 1/2" Push Lock	Fence Row Nozzle
RM800850	6 feet	Hose, 1" Rubber AG300	Fence Row Nozzle
RM800160	400 feet	Hose, 1/4" Clear Vinyl	Foam Marker, Smucker

Hoses and Fittings AS1220

Part Number	Qty	Description	Comments, Where Used
RM800675	3 feet	Hose 3/4 Heater CHK 70133	
RM800325	8 feet	Fuel Line 3/8" H177	Cummins Engine
RM800500	6 feet	Fuel Line 1/2"	Cummins Engine
RM800650	21 feet	Hose Heater Black H168	Cummins Engine
420110013	1	Hose, A/C Evaporator to Compressor	A/C
420110012	1	Hose, A/C Drier to Evaporator	A/C
420110010	1	Hose, A/C Compressor to Cond Cummins	A/C, 420120001 Switch A/C Pressure Binary
420110011	1	Hose, A/C Cond to Drier Cummins	A/C
201199098	8 inch	Hose, 2" Silicone Hose for Charge Air	Cooling Package
201200007	4	Coupler, Nomex 3" ID 6" Long	Cooling Package
520400104	8 inch	Hose Coupling 1.75"	Cooling Package
RM800100	4 feet	Fuel Line, 1/4" H175	Cooling Package
RM800850	4 feet	Hose, 1" Rubber AG300	Rinse Tank
RM801050	5 feet	Hose, 2" AG Suction EPDM 3	Rinse Tank
RM800850	16 feet	Hose, 1" Rubber AG300	Stainless Product Tank Quick Flow
RM801050	16 feet	Hose, 2" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM801075	4 feet	Hose, 3" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump
RM801050	2 feet	Hose, 2" AG Suction EPDM 3	Product Pump
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump Quick Flow
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump Quick Flow
RM801075	2 feet	Hose, 3" AG Suction EPDM 3	Product Pump Quick Flow
RM800876	21 feet	Hose, 1 1/2" Flat Inductor	Inductor
RM800850	30 feet	Hose, 1" Rubber AG300	Roto-Flush
RM800850	20 feet	Hose, 1" Rubber AG300	Extra Rinse Tank
RM800150	30 feet	Hose, Air Line NT 10004BK	Pressure Gages on Right Side of Cab
RM800850	55 feet	Hose, 1" Rubber AG300	Wet System
RM800601	84 feet	Hose, 1/2" Push Lock	Fence Row Nozzle
RM800850	6 feet	Hose, 1" Rubber AG300	Fence Row Nozzle
RM800160	400 feet	Hose, 1/4" Clear Vinyl	Foam Marker, Smucker

Fittings

Danfoss Steering Unit Kit (BOM A000000042)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
860000005	OSPC 125 ON 150N2234	Steering Unit, Danfoss	1	
800302174	6801-LL-NWO-08-08	Fitting 8 FLM x 8 ORM 90 x Long	1	
800302445	6400-O-08-08	Fitting 8 FLM x 8 ORM	1	
800302024	6400-O-06-08	Fitting 6 FLM x 8 ORM	2	

Micro Power Brakes Fitting Kit (BOM A000000071)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800404230	8 C5OX-S	1/2 JIC Male x 1/2 O-ring Boss 90	3	
800000581	6 HP5ON-S	3/8 Hollow Hex O-ring Plug	1	
800302132	8 S5OX-S	8 FLM x 8 FLM x 8 ORB Branch Tee	2	

Main Fitting Kit (BOM A000000077)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800302168	4 R6X-S	Fitting, 4 FLM x 4 FLF Swivel x 4 FLM	1	Ladder Return
800302207	8 V6X-S	Fitting, 8 FLM x 8 FLF Swivel 45	2	Rack Return, Steering
800405000	8-6 F50X-S	Fitting, 8 FLM x 6 ORM	4	Suspension Cylinder
800302410	16 F5OX-S	Fitting, 16 FLM x 16 ORB	2	Cooler
800302133	16-12 F5OX-S	Fitting, 16 FLM x 12 ORB	4	Cooler Cross
800302134	16 C6X-S	Fitting, 16 FLF x 16 FLM 90	3	Cooler Cross
800501120	16 R6X-S	Fitting, 16 FLM x 16 FLF x 16 FLM Run Tee	2	Cooler
800303120	12 F5OX-S	Fitting, 12 FLM x 12 ORB	1	Fan Motor Return
800302242	10 F5OX-S	Fitting, 10 FLM x 10 ORB	1	Fan Motor Pressure
800302240	4 C5OX-S	Fitting, 4 FLM x 4 ORB 90	1	Fan Motor Case Drain
800302190	24 F5OHAO-S	Fitting, Union 24 ORB x 24 ORB	2	Suspension Cylinder Block
800302136	20-24 F5OG5-S	Fitting, 20 M-ORB x 24 F-ORM	2	Suspension Cylinder Block
800302137	2202P-4-4	Fitting, Brass 90 Street Elbow 1/4 Pipe	1	Radiator Fill
800302161	30182-4-6	Fitting, 4 PM x 6 HB	1	Radiator Fill
800302181	8 C6X-S	Fitting, 8 FLF x 8 FLM 90	4	Junction Manifold
800501070	10 R6X-S	Fitting, 10 FLM x 10 FLF x 10 FLM Run Tee	1	Fan Motor Case Drain
800403625	12 C6X-S	Fitting, 12 FLF x 12 FLM 90	1	Cooler
800404215	6 C5OX-S	Fitting, 6 FLM x 6 ORB 90	2	Sway Cylinder Return
800302445	8 F5OX-S	Fitting, 8 FLM x 8 ORB	1	Pressure Relief Valve
800302138	10-8 F65OX-S	Fitting, 10 FLF Swivel x 8 ORB	1	Pressure Relief Valve
800501070	10 R6X-S	Fitting, 10 FLM x 10 FLF x 10 FLM Run Tee	1	Fan Crossover
800501100	12 R6X-S	Fitting, 12 FLM x 12 FLF x 12 FLM Run Tee	1	Fan Crossover
800404006	10-4 TRTXN	Fitting, 10 FLF x 4 FLM Reducer	1	Fan Motor Case Drain

Adjust On the Go (AOG) Fitting Kit (BOM A000000075)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800302193	6 CC5OX-S	Fitting, 6 FLM x 6 ORB 90 LD	4	
800404215	6 C5OX-S	Fitting, 6 FLM x 6 ORB 90	15	
800303022	6 F5OX-S	Fitting, 6 FLM x 6 ORB	8	
800502805	6 S6X-S	Fitting, 6 FLM x 6 FLF x 6 FLM Branch Tee	4	
800404219	6801-6 (0.046 Restrictor)	Fitting, 6 FLM x 6 ORB 90 (0.046 Orifice)	2	
800501040	6 R6S-S	Fitting, 6 FLF x 6 FLM x 6 FLM Run Tee	1	
800501060	8 R6X-S	Fitting, 8 FLF x 8 FLM x 8 FLM Run Tee	2	
800302130	6 AOG5JG5	Fitting, 6 M-ORB x 6 F-ORB x 6 F-ORB Run Tee	1	

AutoSteer Fitting Kit (BOM A000000081)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800501060	8 R6X-S	Fitting, 16 FLM x 16 FLM 90	2	
800302181	8 C6X-S	Fitting, 20 FLM x 20 FLM 90	2	
800320150	10 C5OX-S	Fitting, 16 ORM Hollow Hex Plug	2	
800303036	8 V6X-S	Fitting, 8 FLF x 8 FLM	1	
800302242	10 F5OX-S	Fitting, 8 FLM x 6 ORB	2	
800405000	8-6 F5OX-S	Fitting, 10 FLM x 10 ORB	2	

Fuel Tank Fitting Kit (BOM A000000085)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800303027	4601-06-08-NWO	Fitting, 8 ORM x 3/8 HB 90	2	
800000641	16 HP5ON-S	Fitting 16 ORM Hex Head Plug	1	
800302240	4 C5OX-S	Fitting 4 FLM x 4 ORM 90	1	
800303027	6801-04-04-NOW FG#R0.032	Orificed Fitting, 4 FLM x 4 ORM 90	1	Orifice 0.032

Hydraulic Tank Fitting Kit (BOM A000000086)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800000021	16 ETX-S	Fitting, 16 FLM x 16 FLM 90	2	
800000015	20 ETX-S	Fitting, 20 FLM x 20 FLM 90	1	
800000641	16 HP5ON-S	Fitting, 16 ORM Hollow Hex Plug	1	6408-H-16-O
800404265	16 C5OX-S	Fitting, 16 FLM x 16 ORM 90	3	6801-16-16-NWO
800302419	16 CC5OX-S	Fitting, 16 FLM x 16 ORM 90 LD	1	
800404270	20 C5OX-S	Fitting, 20 FLM x 20 ORM 90	1	
800302454	20-16 TRTX	Fitting, 20 FLF x 16 FLM Reducer	1	

Engine Fitting Kit (BOM A000000087)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800302218	10-8 FTX	Fitting, 10 FLM x 8 PM	1	
800302219	10-12 FTX	Fitting, 10 FLM x 12 PM	1	
800302220	269HB-12-12	Fitting, 12 PM x 12 HB 90	1	
800302221	33982-10-10	Fitting, 10 FLF x 10 HB	2	
800404254	12-16 C5OX-S	Fitting, 12 FLM x 16 ORM 90	1	

Hoses

Main Hose Kit

(BOM A000000078 / Parker PKT20535)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200245	Right Cooler Hydac to Junction Manifold OCI	16FLF (10643-16-16)	16FLF 90 (13943-16-16)	105	16	100R4	1
800200246	Fan Out (Left Side) to Junction Manifold T2	12FLF (10643-12-12)	12FLF (10643-12-12)	111.5	12	100R4	1
800200247	Fan In (Right Side) to Rear Gear Pump	10FLF (10643-10-10)	10FLF (10643-10-10)	106	10	451TC	1
800200248	Pump Case Drain to Junction Manifold CD	10FLF (10643-10-10)	10FLF 90 (13943-10-10)	40	10	451TC	1
800200249	Fan Motor Case Drain to Junction Manifold CD	4FLF (10643-4-4)	4FLF 90 (13943-4-4)	101.5	4	451TC	1
800200250	Hydraulic Silencer to Junction Manifold P	12FLF (10643-12-12)	12FLF 90 (13943-12-12)	19.5	12	451TC	1
800200251	Shuttle Valve to Accumulator	8FLF (10643-8-8)	8FLF 45 (13943-8-8)	18	8	451TC	2
800200252	Junction Manifold P1 to Suspension Manifold P1	12FLF (10643-12-12)	12FLF (13943-12-12)	144	12	451TC	1
800200253	Junction Manifold T1 to Suspension Manifold T1	16FLF (10643-16-16)	16FLF 90 (13943-16-16)	141	16	100R4	1
800200254	Junction Manifold P1 to Shuttle Valve	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	22	8	451TC	1
800200255	Suspension Manifold T2 to Rack Manifold T	8FLF (10643-8-6)	6FLF 90 (13943-6-6)	22	6	451TC	1
800200256	Suspension Manifold Rack to Rack Manifold P	6FLF (10643-6-6)	6FLF 90 (10643-6-6)	19	6	451TC	1
800200257	Left Sway Cylinder Return to Suspension Manifold T3	6FLF (10643-6-6)	8FLF 90 (13943-8-6)	53	6	451TC	1
800200258	Left Sway Cylinder Top to Suspension Manifold L1	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	73	8	451TC	1
800200259	Left Ram Cylinder to Suspension Manifold L2	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	61	8	451TC	1
800200260	Right Sway Cylinder Return to Suspension Manifold T4	6FLF (10643-6-6)	8FLF 90 (13943-8-6)	84	6	451TC	1
800200261	Right Sway Cylinder Top to Suspension Manifold R1	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	92	8	451TC	1
800200262	Right Ram Cylinder to Suspension Manifold R2	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	89	816	451TC	1
800200263	Junction Manifold Res to Top Left Hydraulic Tank	16FLF (10643-16-16)	16FLF (10643-16-16)	60	16	100R4	1
800200264	Bottom Left Cooler to Right Hydraulic Tank	16FLF (10643-16-16)	16FLF (10643-16-16)	164	16	100R4	1
800200265	Rear Gear Pump (Fan) to Hydraulic Tank Bottom	16FLF (10643-16-16)	16FLF (10643-16-16)	62	16	100R4	1
800200267	Front Gear Pump (Steering) to Hydraulic Tank Middle Right	16FLF (10643-16-16)	16FLF (10643-16-16)	81.5	16	100R4	1
800200268	Piston Pump Suction to Hydraulic Tank Middle Right	16FLF (10643-16-16)	16FLF (10643-16-16)	87	16	100R4	1
800200269	Junction Manifold LD to Cylinder on Ladder	4FLF (10643-4-4)	4FLF 90 (13943-4-4)	89	4	451TC	1
800200270	Product Pump to Suspension Manifold PP-P and PP-T	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	142	8	451TC	2
800200271	Ladder Cylinder Return to Junction Manifold CD	4FLF (10643-4-4)	4FLF 90 (13943-4-4)	93	4	451TC	1
800200272	Fan Cross-Over	8FLF (10643-8-8)	12FLF (10643-12-8)	30	8	451TC	1

AOG Hose Kit
(BOM A000000076 / Parker PKT20534)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200231	AOG Front P to Junction Manifold Sys PSI	6FLF (10643-6-6)	6FLF (10643-6-6)	105	6	451TC	1
800200232	AOG Front T to Junction Manifold RES 2	6FLF (10643-6-6)	8FLF (10643-8-6)	105	6	451TC	1
800200233	AOG LA to Inside Left Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	10.5	6	451TC	1
800200234	AOG LB to Outside Left Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	31	6	451TC	1
800200235	AOG RA to Inside Right Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	29.5	6	451TC	1
800200236	AOG RB to Outside Right Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	50	6	451TC	1
800200237	AOG Rear P to Suspension Manifold P2	6FLF (10643-6-6)	6FLF (10643-6-6)	15.5	6	451TC	1
800200238	AOG Rear T to Suspension Manifold T2	6FLF (10643-6-6)	6FLF (10643-6-6)	15	6	451TC	1
800200239	AOG LA to Inside Left Rear Cylinder	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	47.5	6	451TC	1
800200240	AOG LB to Outside Left Rear Cylinder	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	64	6	451TC	1
800200241	AOG RA to Inside Right Rear Cylinder	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	44	6	451TC	1
800200242	AOG RB to Outside Right Rear Cylinder	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	63	6	451TC	1
800200243	AOG Rear Rod End Crossover	8FLF (10643-8-8)	6FLF 90 (13943-6-6)	16.5	6	451TC	2
800200244	AOG Butt End Crossover	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	22.5	6	451TC	2

Adjustable 120-160" Steering Hose Kit
(BOM A000000079 / Parker PKT20536)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200273	Left Front Cylinder to Right Front Cylinder	6FLF (10643-6-8)	6FLF (10643-6-6)	170.5	6	451TC-6	1
800200274	Left Rear Cylinder to Junction Manifold RHC	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	189.5	6	451TC-6	1
800200275	Right Rear Cylinder to Junction Manifold LHC	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	173.5	6	451TC-6	1

Fixed 120" Steering Hose Kit
(BOM A000000080 / Parker PKT20537)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200276	Left Steering Hose	6FLF (10643-6-6)	6FLF (10643-6-6)	125	6	451TC-6	1
800200277	Right Steering Hose	6FLF (10643-6-6)	6FLF 90 (10643-6-6)	132	6	451TC-6	1

AutoSteer Hose Kit (BOM A000000082 / Parker PKT20538)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200278	Junction Manifold LH to AutoSteer Port A	8FLF (10643-8-8)	8FLF 90 LD (14143-8-8)	23	8	451TC-8	1
800200279	Junction Manifold RH to AutoSteer Port B	8FLF (10643-8-8)	8FLF 90 LD (14143-8-8)	21.5	8	451TC-8	1
800200280	AutoSteer Port EF to Steering Motor (Bottom Left)	10FLF (10643-10-8)	8FLF 90 (13943-8-8)	23.5	8	451TC-8	1
800200281	AutoSteer Port P to Gear Pump (Front)	10FLF (10643-10-8)	10FLF (10643-10-8)	30.35	8	451TC-8	1
800200282	AutoSteer Port T to Junction Manifold GPS	8FLF (10643-8-8)	10FLF 90 (13943-10-8)	44	8	451TC-8	1

Station 2 Hose Kit (BOM A000000083 / Parker PKT20539)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200283	Top Brake Cylinder to Junction Manifold RES 2	8FLF (10643-8-8)	8FLF 90 LD (14143-8-8)	26	8	451TC	1
800200284	Steering Motor Return (Top Left) to Junction Manifold GPS/GT	8FLF (10643-8-8)	8FLF 90 LD (14143-8-8)	40	8	451TC	1
800200285	Steering Motor Pressure (Bottom Left) P to Front Gear Pump	8FLF (10643-8-8)	10FLF (10643-10-8)	40	8	451TC	1
800200286	Steering Motor Out (Top Right) to Junction Manifold LH	8FLF (10643-8-8)	8FLF 90 LD (14143-8-8)	41	8	451TC	1
800200287	Steering Motor Out (Bottom Right) to Junction Manifold RH	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	15.5	8	451TC	1
800200288	Brake Master Cylinder to Brake Accumulator	6FLF (10643-6-8)	8FLF (10643-8-8)	37	8	451TC	2
800200289	Brake Master Cylinder Front Right to Right Steel Brake Line	4FLF 90 (13943-4-4)	4 COMP (11143-4-4)	23.5	4	451TC	1
800200290	Brake Master Cylinder Front Left to Left Steel Brake Line	4FLF 90 (13943-4-4)	4 COMP (11143-4-4)	25.5	4	451TC	1
800200291	Differential Brake Right to Right Steel Brake Line	4FLF 90 (13943-4-4)	4 COMP (11143-4-4)	24.5	4	451TC	1
800200292	Differential Brake Left to Left Steel Brake Line	4FLF 90 (13943-4-4)	4 COMP (11143-4-4)	33.5	4	451TC	1

Boom Hose Kit (BOM A000000084 / Parker PKT20540)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200293	Lift Cylinder to Manifold	6FLF (10643-6-4)	4FLF 90 (13943-4-4)	44	4	451TC	4
800200294	Suspension Block to Boom Block Pressure	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	70	6	451TC	1
800200295	Suspension Block to Boom Block Return	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	80	8	451TC	1
800200296	Boom Block to Tilt Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	153	6	451TC	2
800200301	Boom Block to Cylinder Fold "Out"	6FLF (10643-6-4)	6FLF (10643-6-4)	62	4	451TC	2
800200302	Boom Block to Cylinder Fold "In"	6FLF (10643-6-4)	6FLF (10643-6-4)	52	4	451TC	2
800200303	Tilt Accumulation to Cylinder	8FLF (10643-8-8)	6FLF (10643-6-8)	36	8	451TC	2

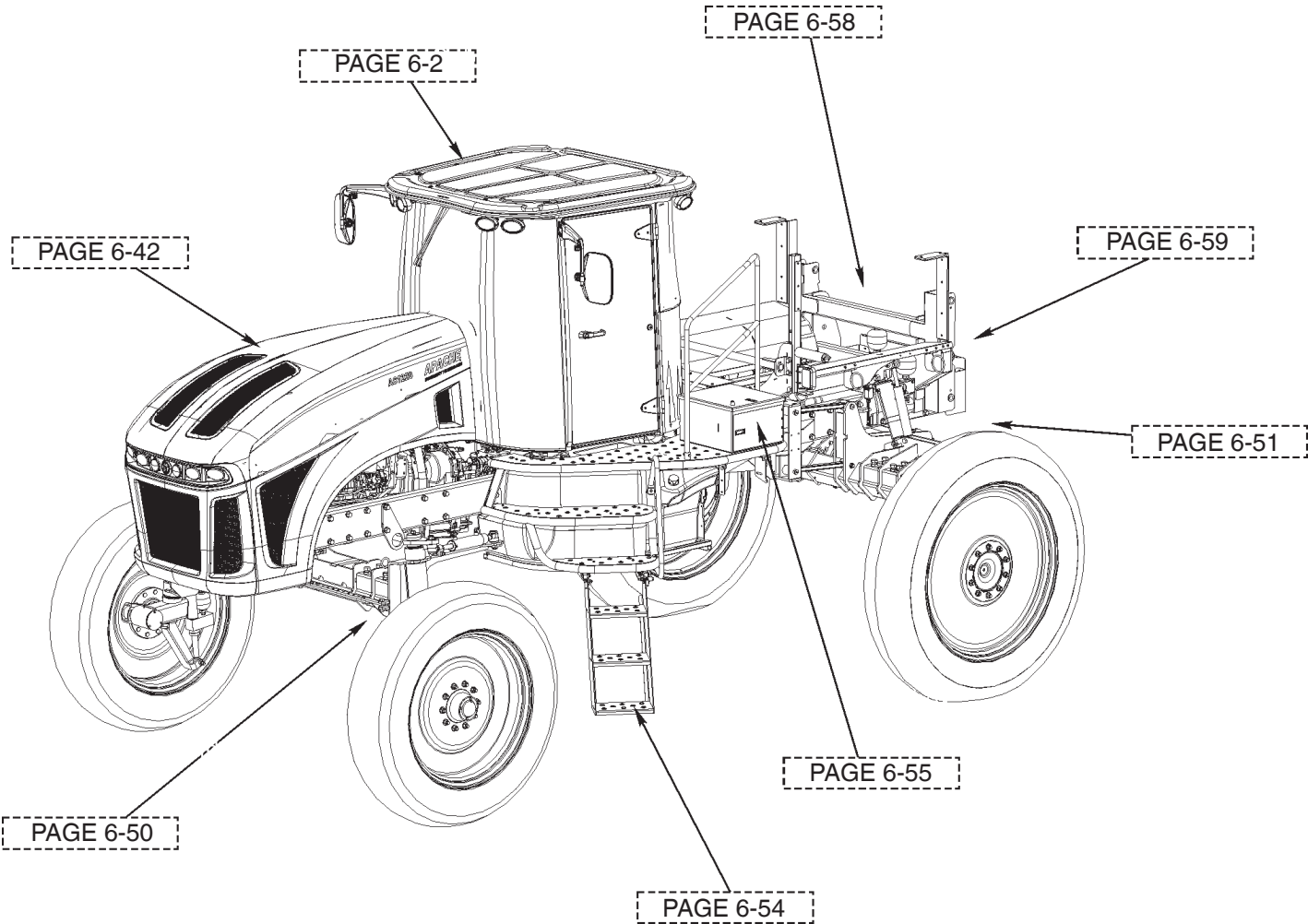
Bulk Fittings

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800404245	16M33F87OMX-S	Fitting, 16 FLM x M33 x 2 ORM	2	AS1020/AS1220, ZF Transmission Cooling
800302453	12-8 F4OMX	Fitting, 12 FLM x 8 BSPP	2	AS720, JCB Transmission Cooling, 7002-12-8-BS
800403625	12 C6X-S	Fitting, 12 FLF x 12 FLM 90	1	AS720, JCB Transmission Cooling
800404231	8 C6X-S	Fitting, 8 FLF x 8 FLM 90	1	All Models, Back Rack
800303027	4601-D6-08-NOW	Fitting, 8 ORM x 3/8" HB 90	2	All Models, Fuel Tank
800000641	19 HP5ON-S	Fitting, 16 ORM Hex Head Plug	1	All Models, Fuel Tank
800302240	4 C5OX-S	Fitting, 4 FLM x 4 ORM 90	2	All Models, Fuel Tank
800302445	8 F5OX-S	Fitting, 8 FLM x 8 ORB	2	All Models, Product Pump
800302207	8 V6X-S	Fitting, 8 FLM x 8 FLF 45	2	All Models, Product Pump
800301636	2406-12-08	Fitting, 12 FLF x 8 FLM	1	AS1020/AS1220, ZF Brake
800302408	12 C5OX-S	Fitting, 12 FLM x 12 ORM 90	1	AS1020/AS1220, ZF Brake
800404226	8-1/8 F50G-S	Fitting, O-ring Boss x 1/8 NPTF	1	All Models, Micro Brake
800404227	PB0202	Fitting, 1/8 BSPB to 1/8 NPTF	1	All Models, Hydraulic Tank
404228800	1/8 CD45-S	Fitting, 1/8 NPTF-M 45 DEG Elbow	1	All Models, Hydraulic Tank

Bulk Hoses

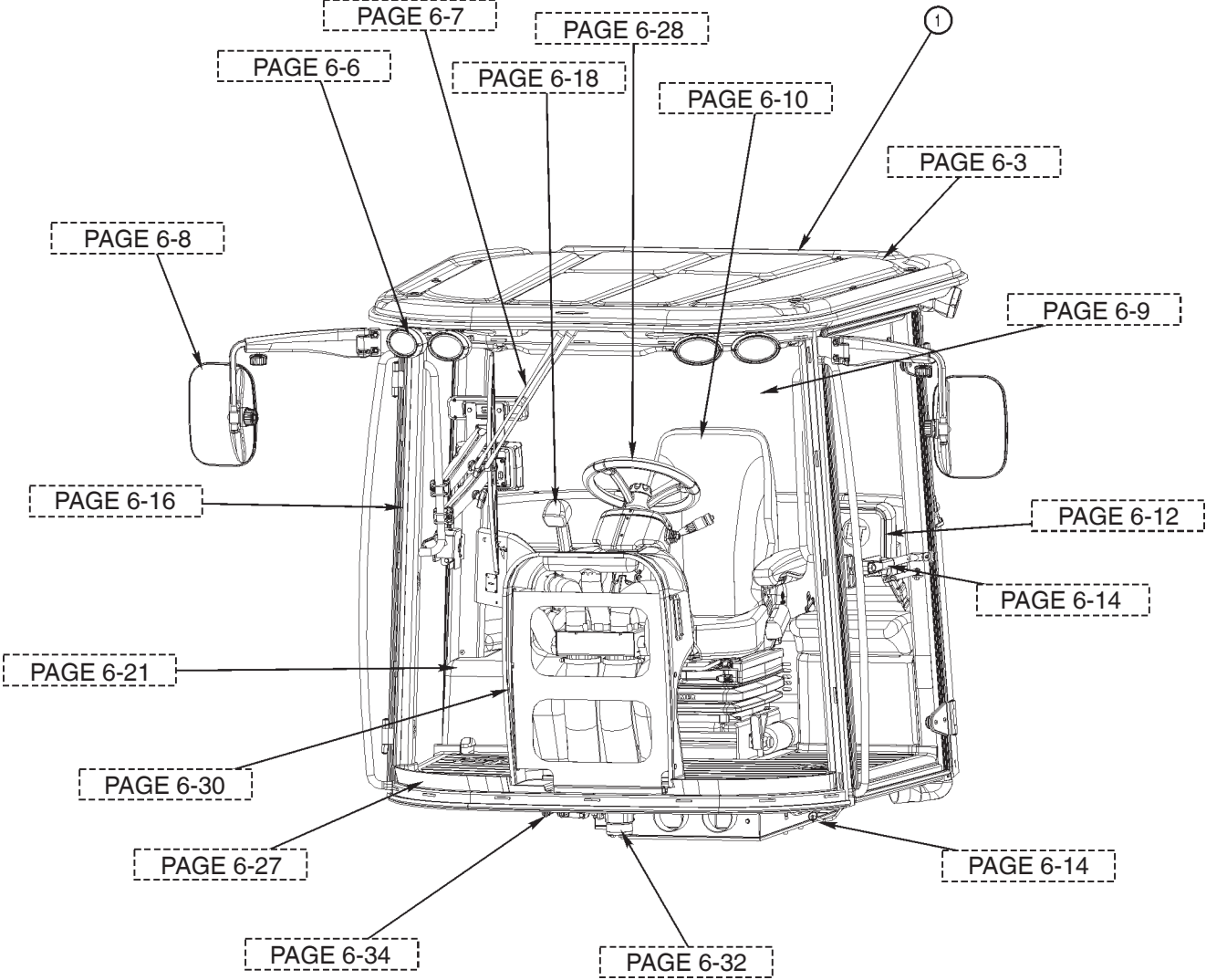
ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200225	Transmission Cooler to Transmission Bottom	16FLF (10643-16-16)	16FLF 90 LD (14143-16-16)	68	16	100R4	1
800200226	Transmission Cooler Top to Transmission Top	16FLF (10643-16-16)	16FLF 90 LD (14143-16-16)	79	16	100R4	1
800200227	Junction Manifold Brake to Ausco Inline Brake	4FLF 90 (13943-4-6)	8FLF (10643-8-6)	73	6	451TC	1
800200228	Transmission Right Bottom Cooler to Right Transmission	16FLF (10643-16-12)	12FLF (10643-12-12)	58	12	100R4	1
800200229	Transmission Right Top Cooler to Left Transmission	16FLF 90 (13943-16-12)	12FLF (10643-12-12)	100	12	100R4	1
800200230	Junction Manifold Brake to Spring Can Sahr	4FLF (10643-4-6)	6SLF 90 SD (1J943-6-6)	51	6	451TC	1
800200297	Boom Block to Left Tip "In"	6FLF (10643-6-4)	6FLF (10643-6-4)	353	4	451TC	1
800200298	Boom Block to Right Tip "In"	6FLF (10643-6-4)	6FLF (10643-6-4)	348	4	451TC	1
800200299	Boom Block to Left Tip "Out"	6FLF (10643-6-4)	6FLF (10643-6-4)	336	4	451TC	1
800200300	Boom Block to Right Tip "Out"	6FLF (10643-6-4)	6FLF (10643-6-4)	331	4	451TC	1
800200304	Boom Block to Right Tilt Vent	6FLF (10643-6-4)	4FLF 90 (13943-4-4)	145	4	451TC	1
800200305	Boom Block to Left Tilt Vent	6FLF (10643-6-4)	4FLF (10643-4-6)	145	4	451TC	1

Cab, Hood and Trim
Section Overview
All Models



Cab Overview

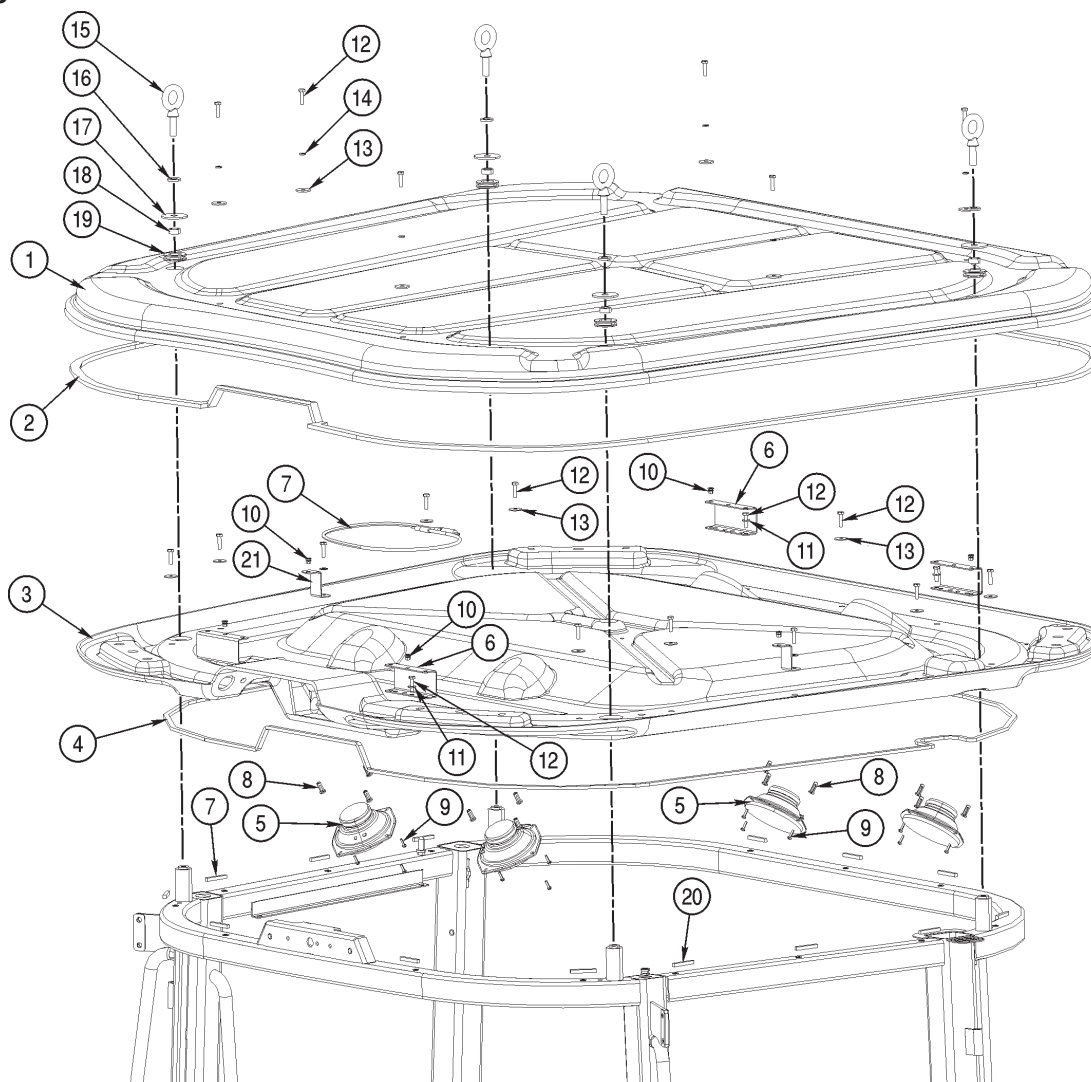
All Models



Item	Part Number	Qty	Description	Comments
1	400000800	1	Cab, Assembly, Angus (2011)	

Roof

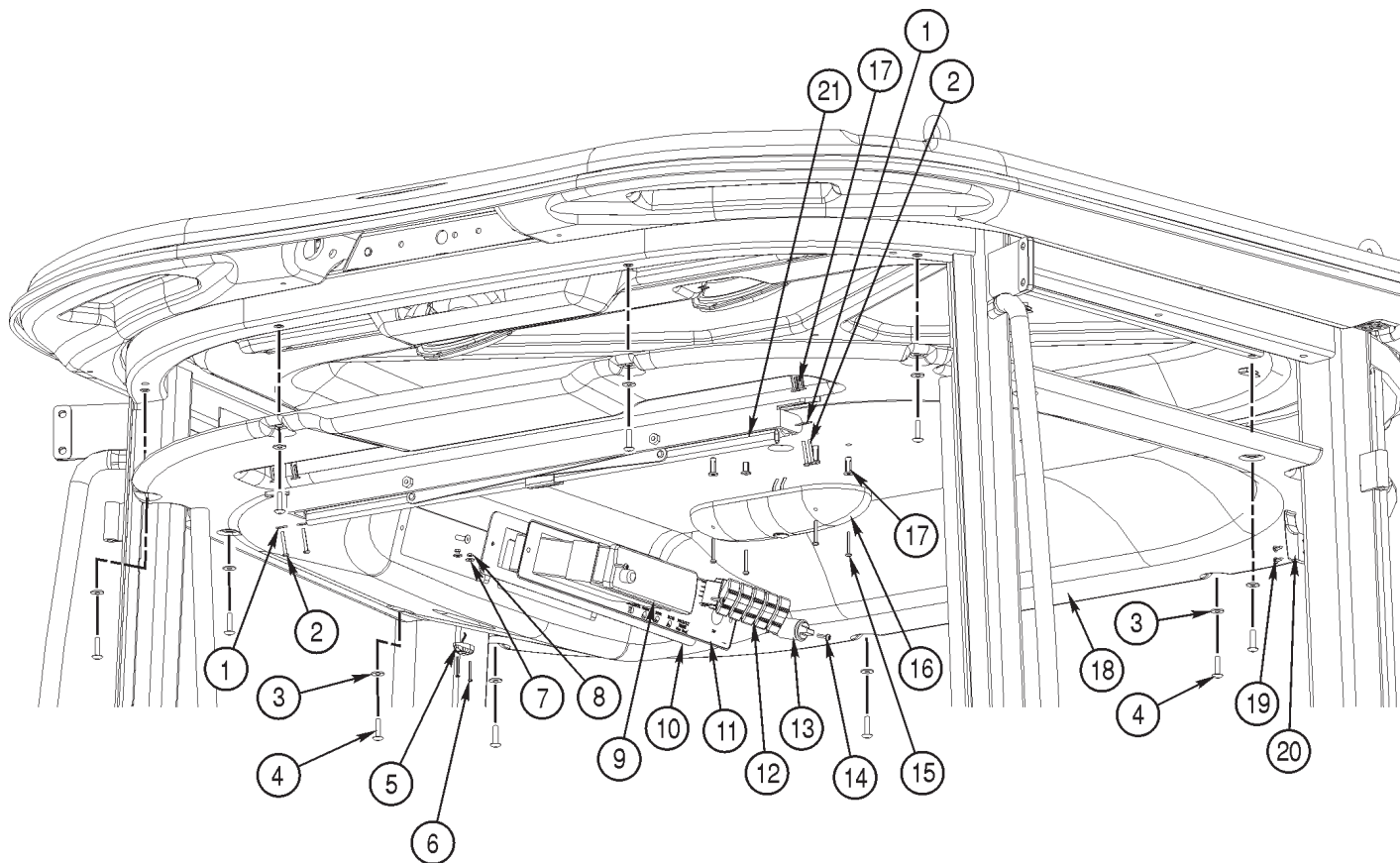
All Models



Item	Part Number	Qty	Description	Comments
1	400200161	1	Cab Roof, Outer	
2	400200165	1	Seal, Cab Roof	
3	400200160	1	Cab Roof, Inner	
4	400200162	1	Seal, Cab Roof Inner	
5	400000320	4	Speaker, Cab	
6	400200164	4	Bracket, Roof Mounting	
7	400200185	1	Antenna, AM/FM, 3 band Folded Dipole	
8	400200159	20	Rivnut, M4 x 0.7, RND, 8.23P, 4.75-9.53, ST	
9	400000821	12	Bolt, M4 x 0.7 x 16, Pan, PH	
10	400200021	6	Rivnut, 1/4-20 0.305 Cab	
11	400000823	6	Washer, Flat 0.281, 0.625, 0.062, G8	
12	400200012	10	Bolt, Cab 1/4-20 x 1" G8	
13	400000707	6	Washer, Cab 0.313, 1.125, 0.100	
14	400000374	6	Washer, Lock 0.254 x 0.480 x 0.07 Cab	
15	400000364	4	Eyebolt, with shoulder 1/2-13 Thread	
16	400200158	4	Washer, 0.531, 1.000, 0.133	
17	400000854	4	Washer, Flat 0.5, 2.0, 0.125	
18	400200053	4	Bushing, Roof	
19	400200051	4	Grommet, Cab 1.000, 1.375, 1.750, 0.125	
20	400200002	15	Block, Setting Cab 0.25 x 0.25 x 2" Neoprene	
21	400200163	2	Bracket, Roof Mounting	

Headliner

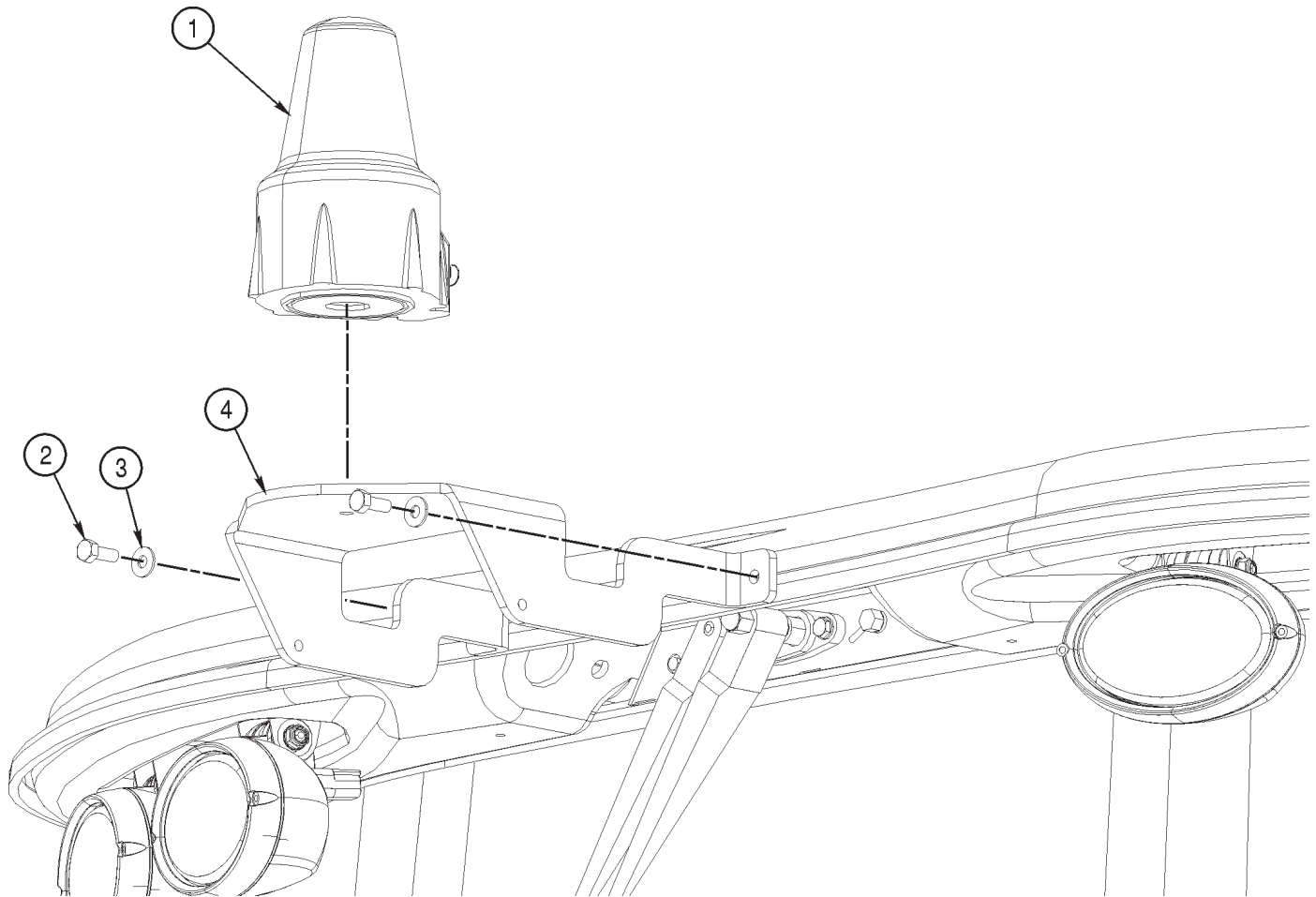
All Models



Item	Part Number	Qty	Description	Comments
1	400200071	4	Washer, Cab Sun Visor	
2	400000637	4	Bolt, M4 x 0.7 x 30	
3	400000346	26	Washer, Flat 0.260, 0.680, 0.062	
4	400000362	12	Bolt, 1/4-20 x 1 TRS Cab	
5	400200175	1	Assembly, Accent Light	
6	400000858	2	Bolt,, # 4-40 x 1.00,Pan	
7	400000857	2	Washer, 0.188, 0.435, 0.053	
8	400000859	2	Nut, #4-40,Hex	
9	400000845	1	Radio, AM/FM, WB, CD, 12V	
10	400200171	1	Plate, Switch Panel	
11	400200172	1	Decal, Switch Panel	
12	400000832	5	Switch, Rocker,12V 20A, SPST	
13	400000697	1	Power Point with Cap	
14	400000821	3	Bolt, M4 x 0.7 x 16, Pan, PH	
15	400000637	4	Bolt, M4 x 0.7 x 30	
16	400200174	1	Assembly, Dome Light	
17	400200159	20	Rivnut, M4 x 0.7, RND, 8.23P, 4.75-9.53, ST	
18	400200167	1	Headliner, Cab	
19	400000349	2	Screw, #8-18 x 0.50 Pan Cab	

Antenna Mount

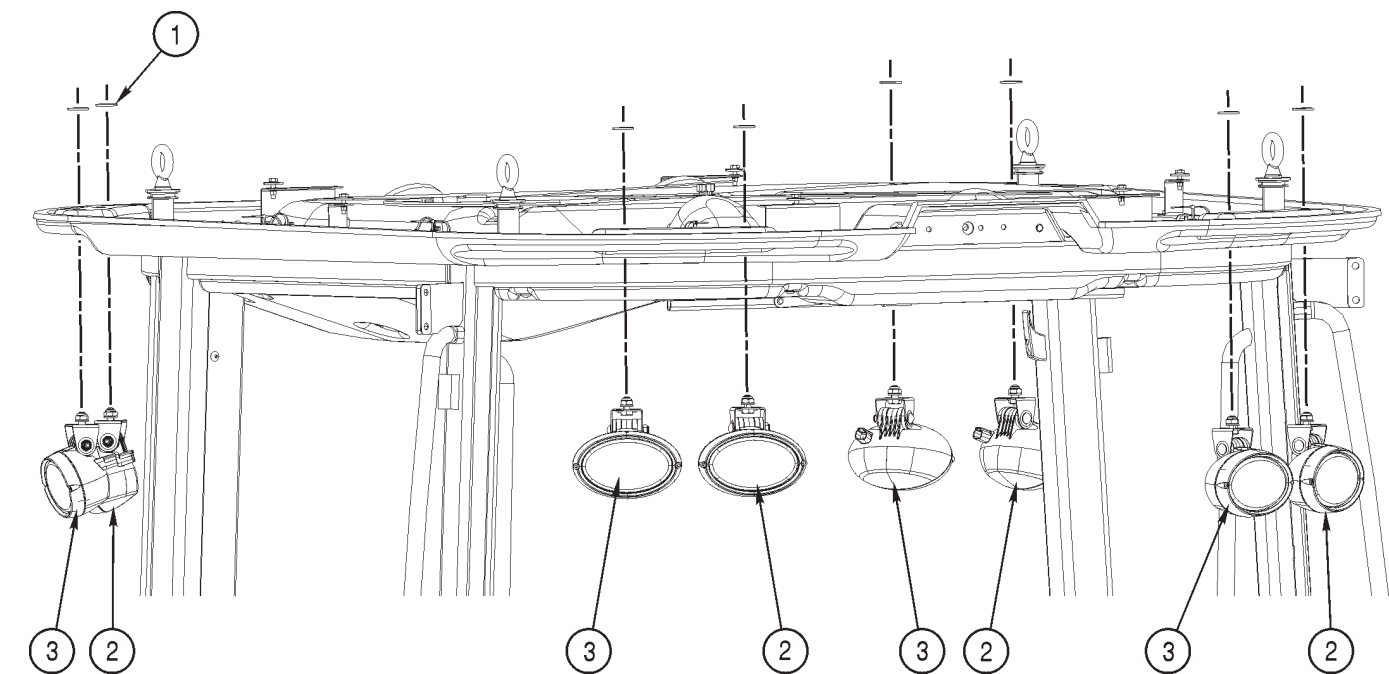
All Models



Item	Part Number	Qty	Description	Comments
1A	740000119	1	Antenna, Phoenix 200 Receiver	
1B	740000121	1	Antenna, Phoenix 300 Receiver	
2	900002600	2	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
3	902003195	2	Washer, Flat 5/16 G5 ZP	
4	420000050	1	Bracket, Antenna Front Mount	
	K65000199		Kit, Antenna Phoenix 200 (2011)	
	K65000200		Kit, Antenna Phoenix 300 (2011)	
	450000001		Mounting Bracket, AutoSteer Cont. and Phoenix Receiver	Not Shown
	740000120		Receiver, Phoenix 300	Not Shown
	740000032		Cable, Receiver to PC, 300 and SmarTrax	Not Shown
	740000122		Cable, 12' Power Phoenix 300	Not Shown

Cab Lights

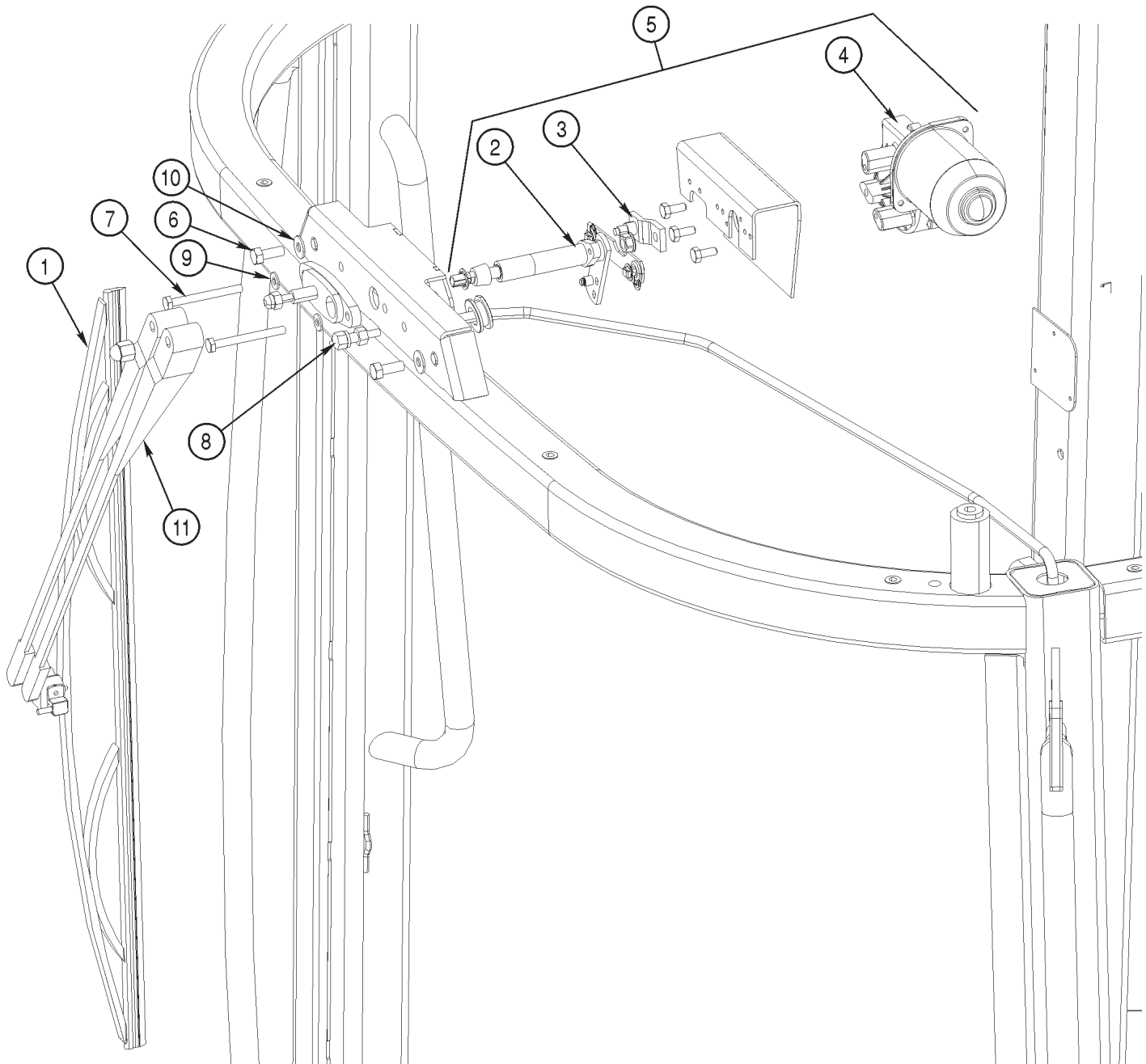
All Models



Item	Part Number	Qty	Description	Comments
1	400000847	8	Washer, Flat 0.406, 1.250, 0.094	
2	400000865	4	Light, Oval, DBL Bulb H3, 12V L	Ribbed Glass
3	400000866	4	Light, Oval, DBL Bulb H3, 12V G	Smooth Glass

Wiper

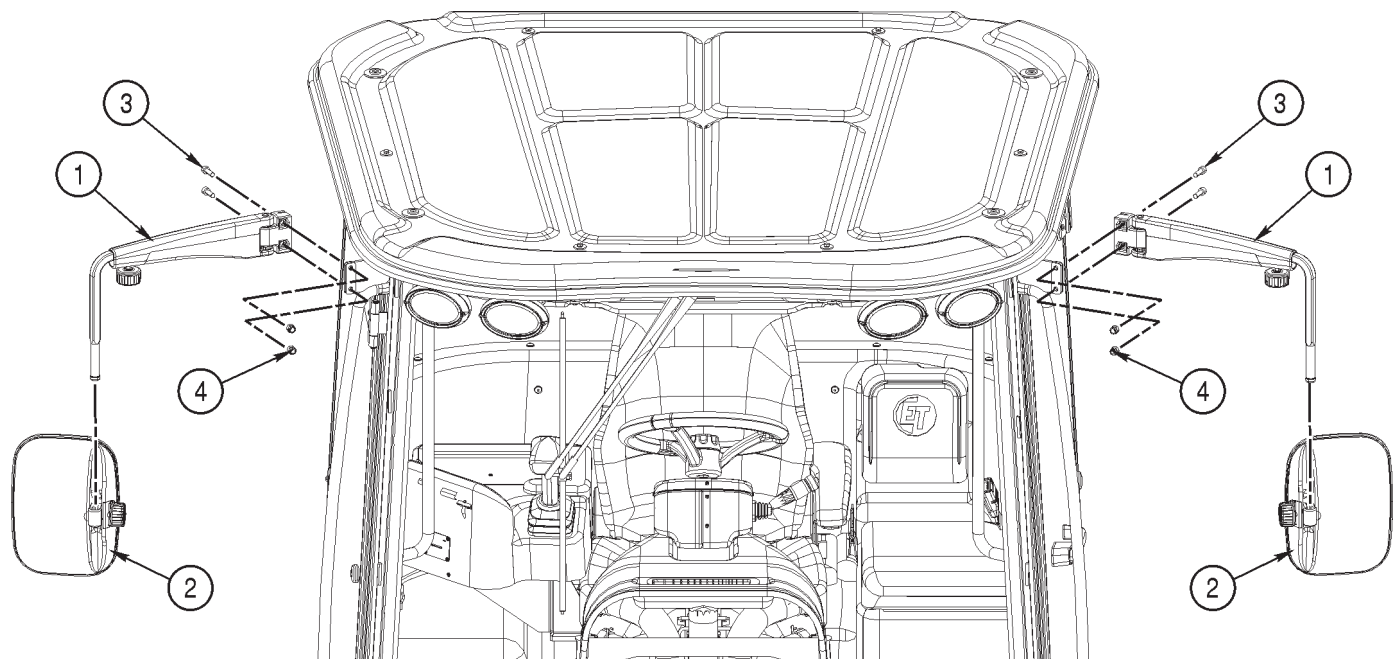
All Models



Item	Part Number	Qty	Description	Comments
1	400000837	1	Blade, Wiper, 28" Flex, Black	
2	400000842	1	Shaft, 3" Pivot	
3	400000841	1	Arm, Drive, WWJ Wiper, 0.950 Long	
4	400000843	1	Wiper, Motor 12 V	Motor Only
5	400200154	1	Assembly, Wiper Motor	Includes items 2, 3 and 4
6	400000839	2	Bolt, 0.31-18x 0.75, Hex, G8	
7	400000840	2	Bolt, 0.25-28 x 2.50, Hex, G8	
8	400000834	1	Adapter, Wet Arm	
9	400000826	2	Washer, Flat 0.251, 0.565, 0.060	
10	400200059	2	Washer, Cab 0.313, 0.750, 0.062	
11	400000836	1	Arm, Wiper, 22" Panto, Dry	

Mirror

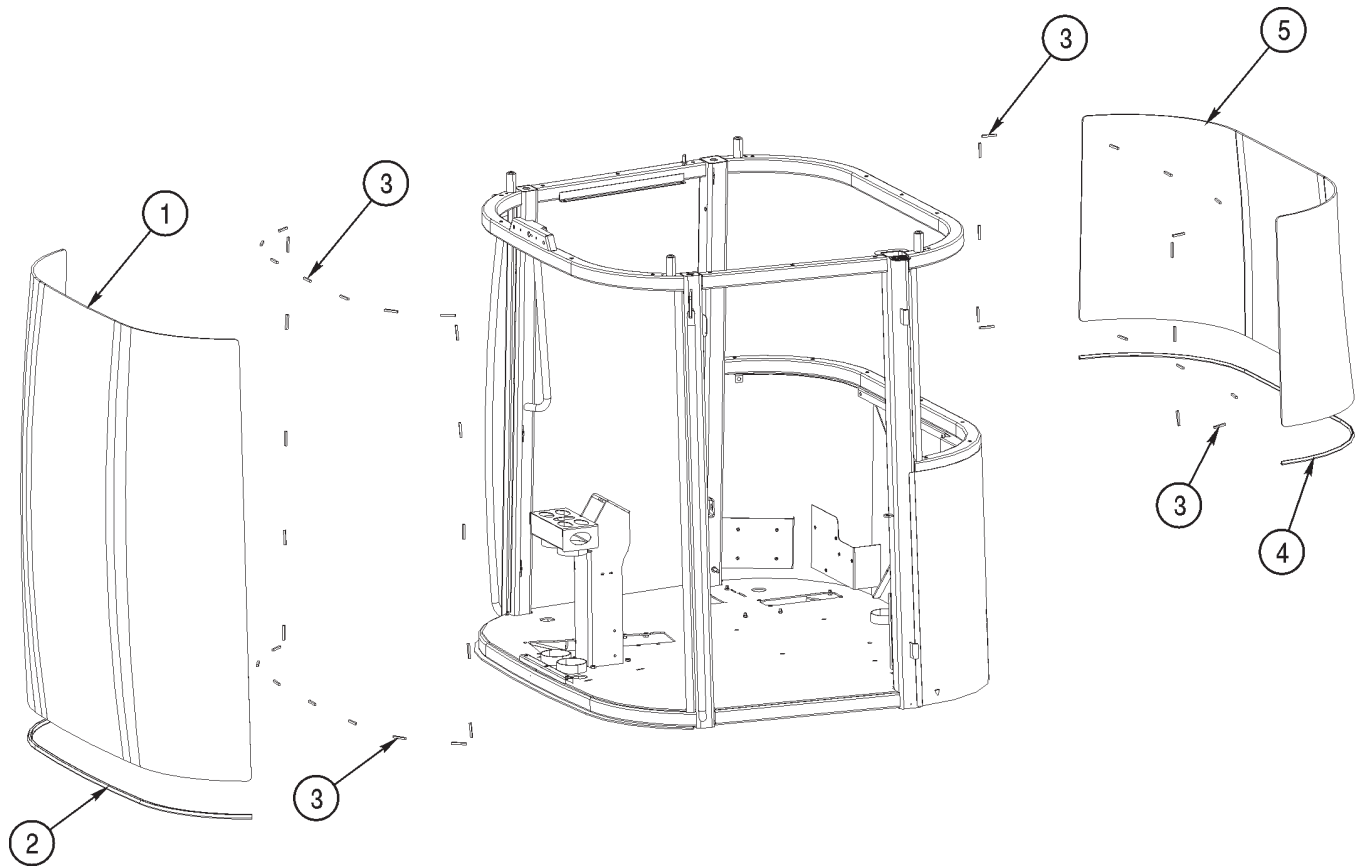
All Models



Item	Part Number	Qty	Description	Comments
1	400200204	2	Arm, Mirror, Extendable	
2	400000725	2	Mirror, Britax	
3	400200203	4	Bolt, M10 x 1.5 x 30, SKT, FT, C8.8	
4	400200205	4	Nut, M10 x 1.5, Hex, NK, C8	

Front and Rear Glass

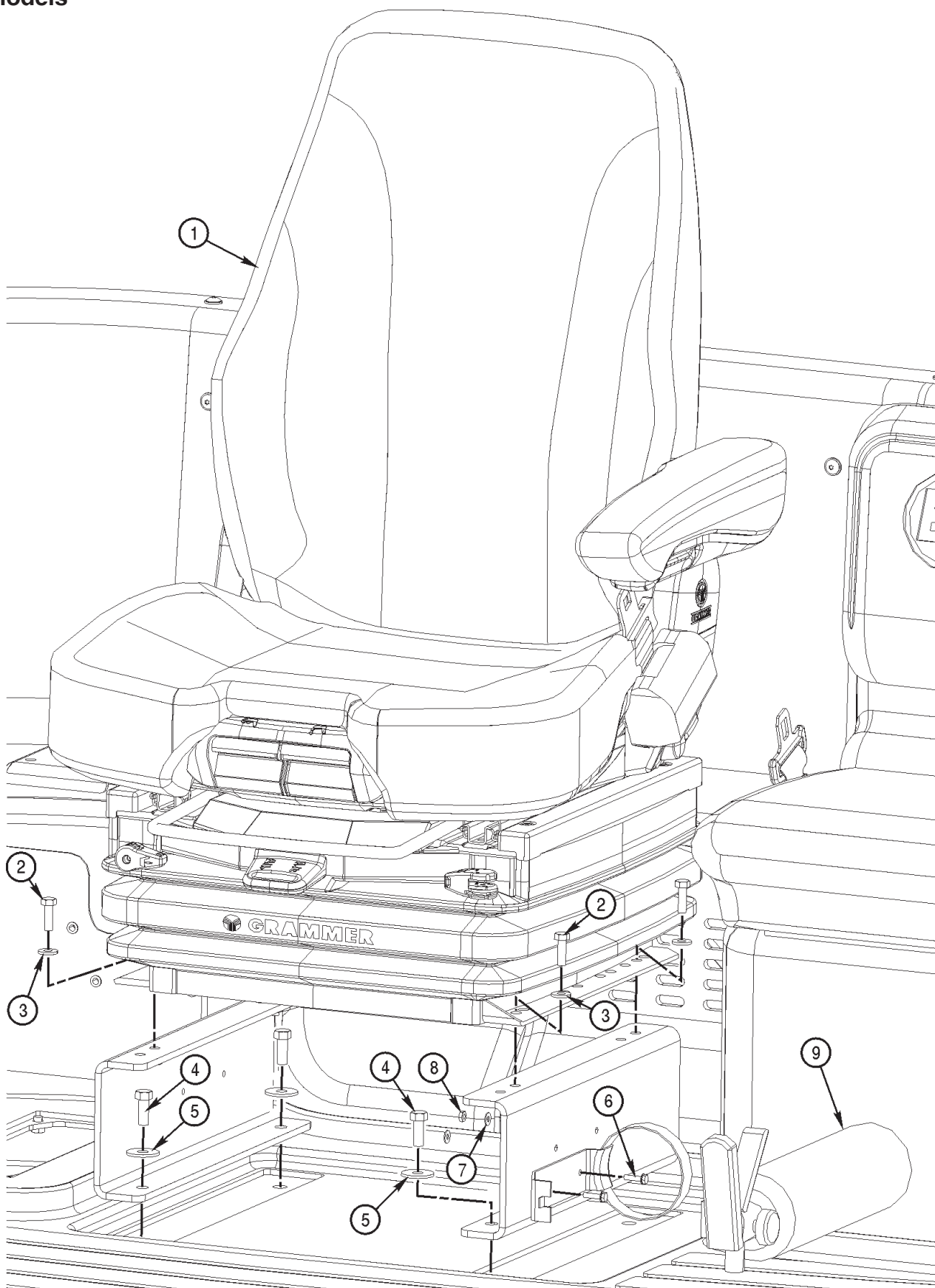
All Models



Item	Part Number	Qty	Description	Comments
1	400000727	1	Glass, Cab Front	
2	400000729	1	Trim, Window Edge Front	
3	400200002	40	Block, Setting Cab 0.25 x 0.25 x 2 " Neoprene	
4	400000730	1	Trim, Window Edge Rear	
5	400000726	1	Glass, Cab Rear	

Operator Seat

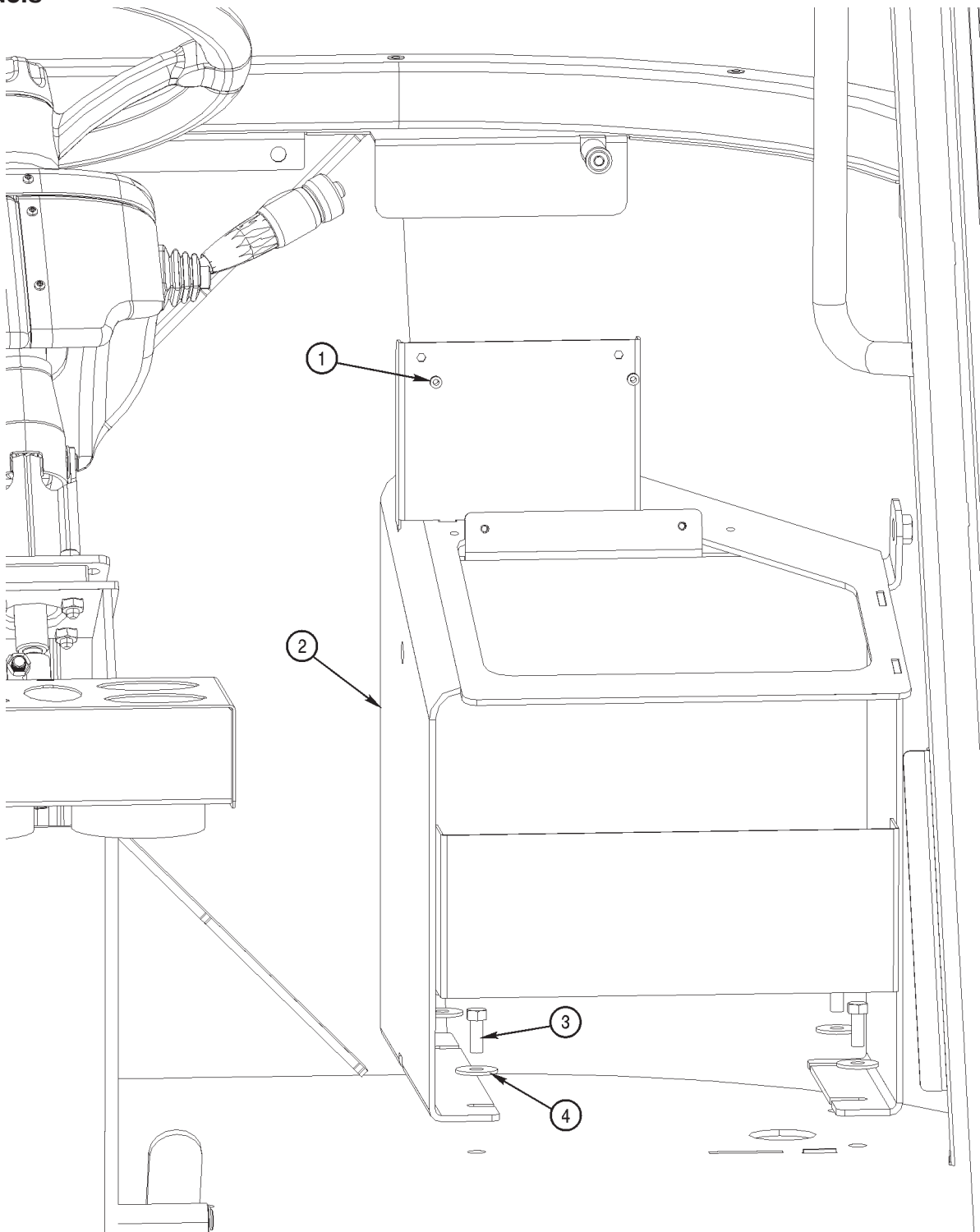
All Models



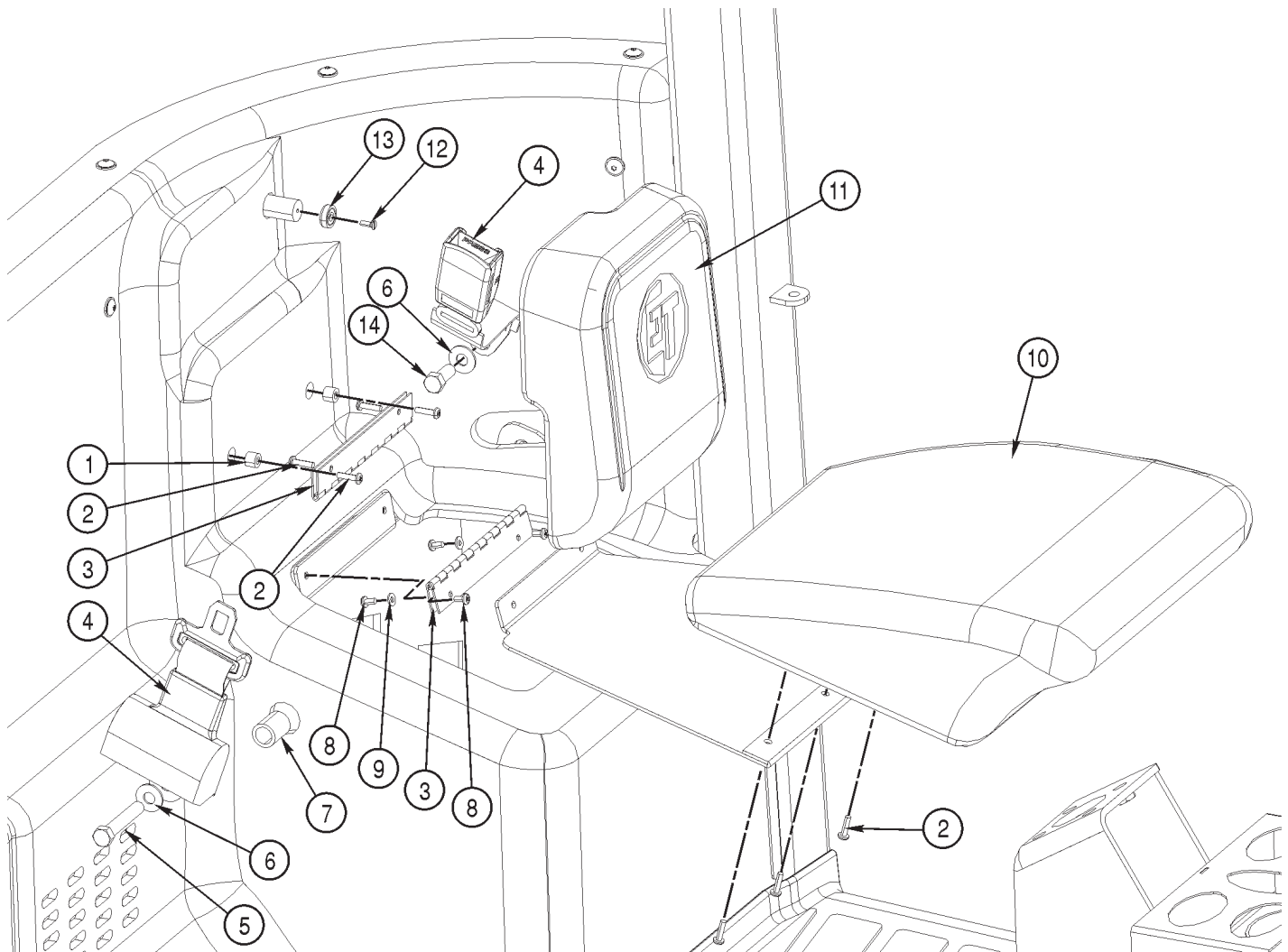
Item	Part Number	Qty	Description	Comments
1	400200156	1	Assembly,Seat, MSG97AL/742	
2A	800000850	4	Bolt, 0.31-18 x 1.00, Hex G8	
2B	400200013	4	Nut, Cab 0.31-18, Hex G8	Not shown
3	400000357	8	Washer, 3/4 Flat Cab	
4	400000416	4	Bolt, 3/8-16X 1" Hex G8	
5	400000847	4	Washer, Flat, 0.406,1.250, 0.094	
6	400000848	2	Bolt, #10-24 x 0.75,HFL,WL,G5	
7	800000849	2	Washer, Flat, 0.214, 0.495, 0.036	
8	400000326	2	Nut, 10-24 Hex G5	
9	400000313	1	Extinguisher, Fire Cab	
	420400152		Armrest Kit, L/H	
	420400153		Armrest Kit, R/H	
	420400154		Seat Top Cushion	
	420400155		Seat Back Cushion with Logo	
	420400156		Suspension Kit	
	420400157		Seat belt Kit	
	420400158		Seat Depth and Tilt Kit	

Buddy Seat

All Models



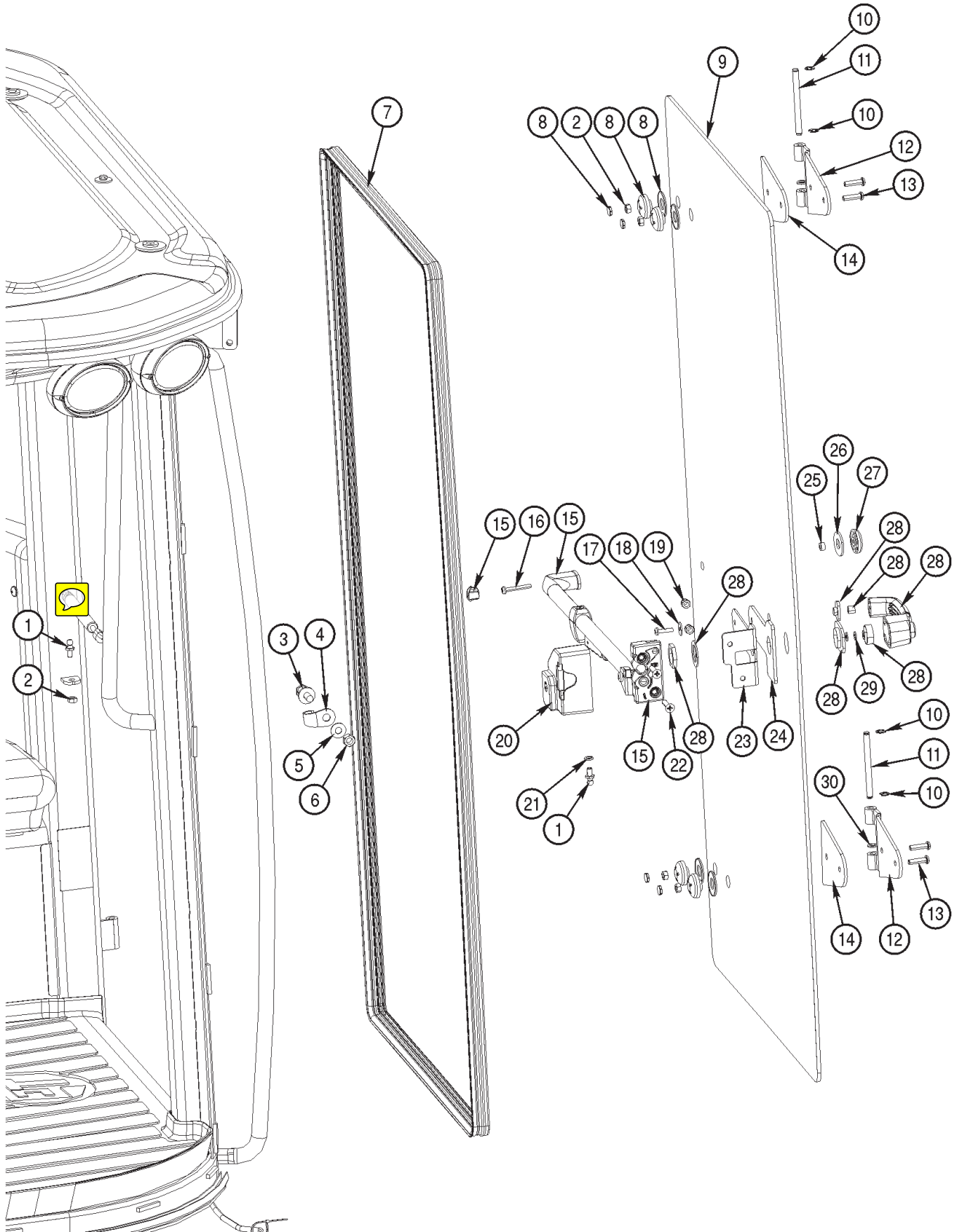
Item	Part Number	Qty	Description	Comments
1	400000599	2	Bushing, 0.257 x 0.50 x 0.375 Thick	
2	400200196	1	Weldment, Buddy Seat Base	
3	400000416	4	Bolt, 3/8-16 x 1" Hex G8 Cab	
4	400000847	4	Washer, 0.406, 1.250, 0.094,	



Item	Part Number	Qty	Description	Comments
1	400000599	2	Bushing, 0.257 x 0.50 x 0.375 Thick	
2	400000885	7	Bolt, #10-24 x 0.75, Panhead	
3	400200201	2	Hinge, Back Rest	
4	400200157	1	Kit, Seat Belt 2"	
5	400000884	1	Bolt, 0.44-14 x 2.50, Hex, G5	
6	400000359	2	Washer, Flat Cab	
7	400200199	1	Bushing, Seat Belt	
8	400200195	4	Bolt, #10-24 x 0.38, Pan, PH, G2,	
9	400000857	2	Washer, Flat 0.188, 0.435, 0.053,	
10	400200197	1	Cushion, Buddy Seat	
11	400200198	1	Back Rest, Buddy Seat	
12	400200194	1	Bolt, #8-32 x 0.50	
13	400000886	1	Magnet, Stl Cup, 13 lb	
14	400000883	1	Bolt, 0.44-14 x 1.00, Hex, G8	

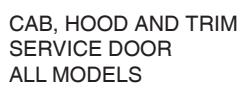
Entry Door

All Models



Item	Part Number	35	Description	Comments
1	400000867	2	Ball Stud, 10 mm Dia. M8 x 1.25 THD	
2	400000430	5	Nut, M8 x 1.25 Hex Cab	
3	400000868	1	Striker, Door	
4	400000871	1	Guard, Striker, M12	
5	400000359	1	Washer, Flat Cab 0.438, 1.000, 0.070	
6	400000386	1	Nut, 44-14	
7	400200179	1	Seal, Door	
8	400000870	4	Window Cap, M8, Assembly	
9	400000728	1	Glass, Cab Door	
10	400000872	4	Ring, Retaining, 0.375 Shaft	
11	400200181	2	Pin, Door Hinge	
12	400200180	2	Weldment, Door Hinge	
13	400000873	4	Bolt, M8 x 1.25 x 30 Buttonhead	
14	400200178	2	Gasket, Door Hinge	
15	400200182	1	Handle, Interior Release	
16	400000046	1	Bolt, M6 x 1 x 45, Pan	
17	400200183	1	Bolt, M6 x 1 x 25, Pan, PH	
18	400000875	2	Washer, 6.5, 22, 2, BZD CNH-B	
19	400000437	2	Nut, M8 x 1.25 Hex NK Cab	
20	400000869	1	Cover, Grab Handle Latch	
21	400000429	2	Washer, Flat 0.315, 0.575, 0.085	
22	400000436	2	Bolt, M8 x 1.25 x 35 Flat PH	
23	400200176	1	Mount, Interior Latch	
24	400200177	1	Gasket, Door Latch	
25	400000433	1	Bushing, Nylon White, Door	
26	400000365	1	Seal, Rubber, under eyebolt	
27	400000448	1	Bushing, M6 Cab	
28	400000312	1	Handle, Exterior Cab Door	
29	400000826	3	Washer, Flat, 0.251, 0.565, 0.060	
30	400000444	2	Washer, Flat, Brass	

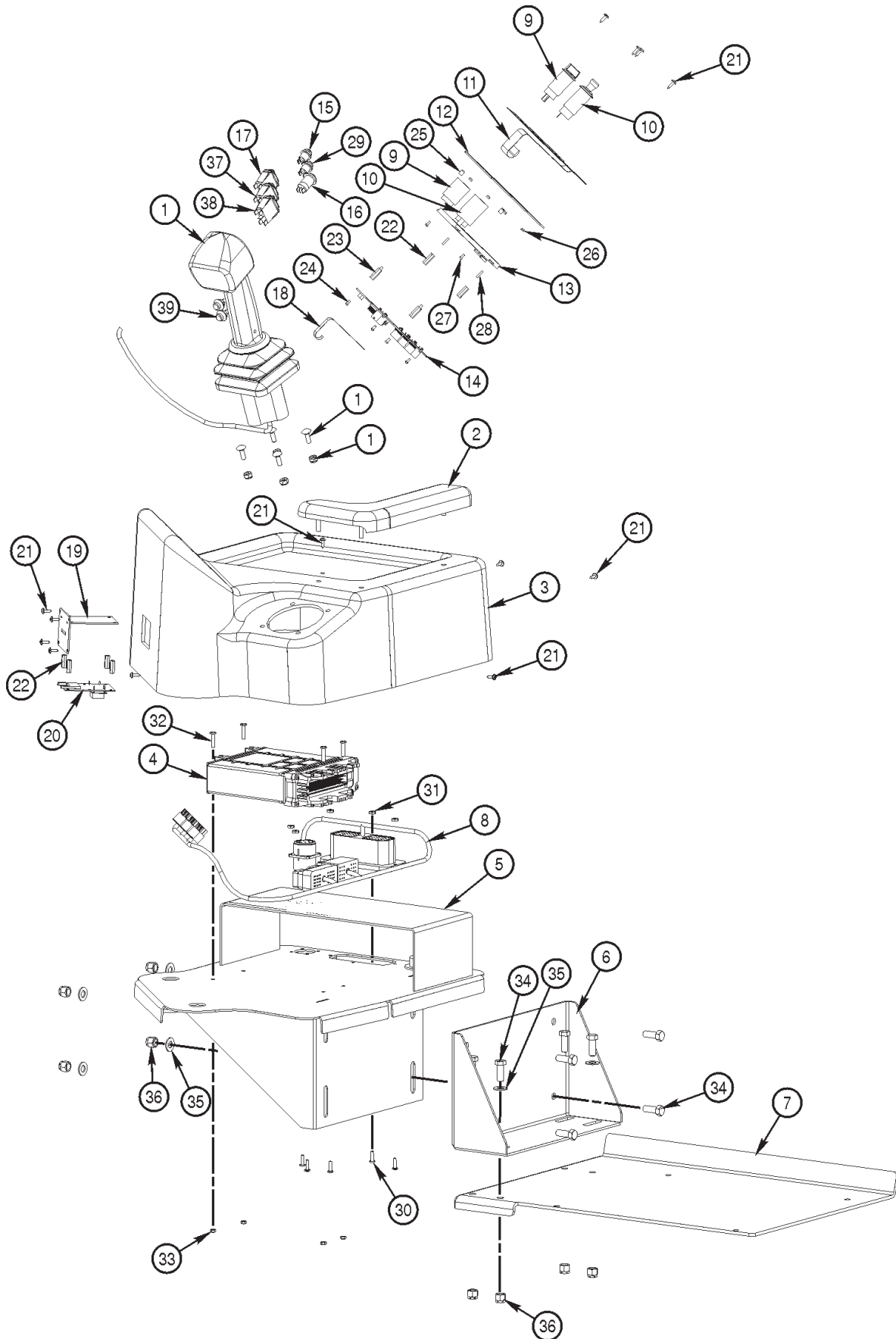
All Models



Item	Part Number	Qty	Description	Comments
1	400000728	1	Glass, Cab Door	
2	400200179	1	Seal, Door	
3	400200193	1	Weldment, Latch Cover	
4	400000879	1	Latch, Cam R/H	
5	400200184	1	Plate, R/H Door Latch	
6	400200177	1	Gasket, Door Latch	
7	400200178	2	Gasket, Door Hinge	
8	400200180	2	Weldment, Door Hinge	
9	400200181	2	Pin, Door Hinge	
10	400000448	2	Bushing, M6 Cab	
11	400000365	2	Seal, Rubber, under eyebolt	
12	400200192	1	Plate, Hole Plug, R/H Door	
13	400000433	2	Bushing, Nylon White, Door	
14	400000880	1	Spring, Black Tension	
15	400200191	1	Gasket, R/H Door Latch	
16	400000359	1	Washer, Flat 0.438, 1.0, 0.070	
17	400000868	1	Striker, 0.44-14 x 0.75, WSH, 0.89 Shoulder	
18	400000357	1	Washer, 3/4 Flat Cab	
19	400000826	5	Washer, Flat 0.251, 0.565, 0.060	
20	400000872	4	Ring, Retaining, 0.375 Shaft	
21	400000877	1	Bolt, M6 x 1 x 20, BTN, HX,	
22	400200012	3	Bolt, Cab 1/4-20 x 1" G8	
23	400000873	5	Bolt, M8 x 1.25 x 30, BTN, HX	
24	400000386	1	Nut, 0.44-14 Hex G8	
25	400000430	5	Nut, M8 x 1.25 Hex Cab	
26	400000870	4	Window Cap, M8, Assembly	
27	400000444	2	Washer, Flat Brass	
28	400200021	1	Rivnut, 1/4-20 0.305 Cab	

Console

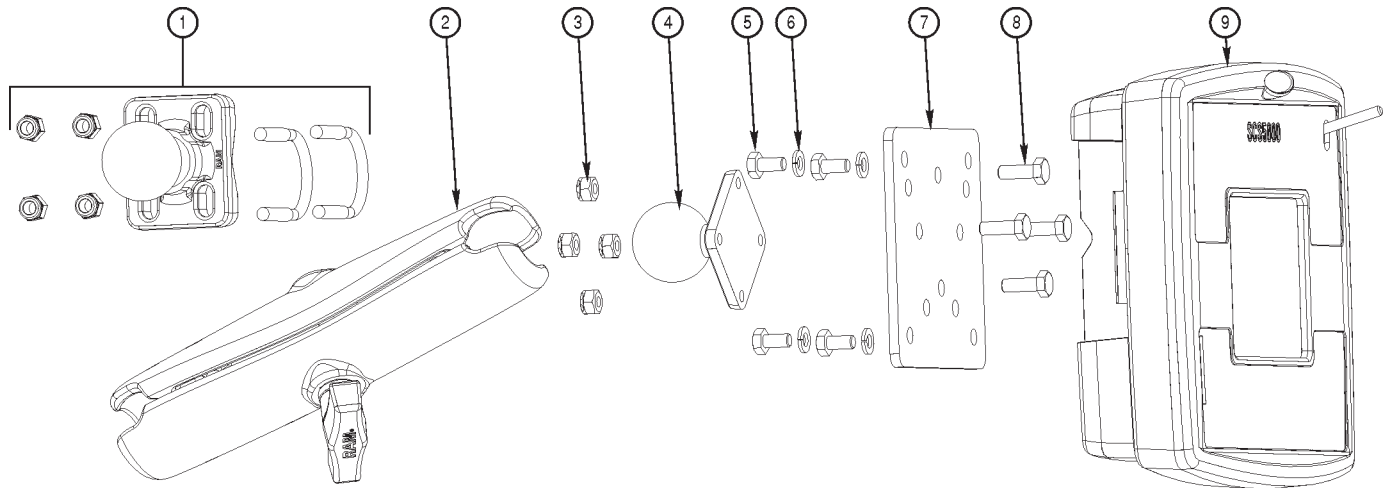
All Models



Item	Part Number	Qty	Description	Comments
1	420300613	1	Handle, Control	
2	420301023	1	Arm Rest, Right Console	
3	420301035	1	Console Housing, Plastic	
4A	310200010	1	TCU, ZF AS1220	
4B	310200000	1	TCU, ZF AS1020	
5	420300621	1	Bracket, Console Pan	
6	420300618	1	Bracket, Seat Base to Console Pan	
7	420300631	1	Bracket, Seat Console Mount	
8A	700000540	1	Harness, PS764 Console	AS720
8B	700000541	1	Harness, ZF Console	AS1020 and AS1220
9	700300065	1	Accessory, Power Outlet with cap	Cap Only P/N 700300068
10	700300064	1	Plug, Cigarette Complete	
11	420301022	1	Membrane, Console	
12	420301024	1	Plate, Console	
13	700300088	1	Display, LCD Screen	
14	700300100	1	Board, Console Circuit	
15	420300628	1	Switch, Set For Cruise	
16	420300626	1	Switch, Yellow Boom Master	
17	420300625	1	Switch, Right Boom Tilt	
18	700300092	1	Cable, Ribbon LCD	
19	420301026	1	Bracket, Inverter/SD Card	
20	700300095	1	Inverter and SD Drive, Circuit board	
21	900100001	9	Screw, # 6 Self - tapping	
22	420301027	6	Standoff, 4-40 Female/Female 3/4 long	
23	420301028	2	Standoff, 4-40 Male/Female 3/4 long	
24	400000341	4	Screw, RHMS 4-40 x 0.25	
25	420301030	2	Insert, 4-40 Press in 1/4"	
26	420301029	4	Insert, 4-40 Press in 1/8"	
27	400000341	2	Screw, RHMS 4-40 x 0.25	
28	420301031	2	Stud, 4-40 x 1/2" long steel	
29	420300629	1	Switch, Resume	
30	903005283	5	Screw, PH Panhead #6 x 1/2"	
31	903005282	5	Nut, Hex 6/32"	
32	900002512	4	Capscrew, Buttonhead 10-32 x 3/4	
33	901002900	4	Nut, Nylock 10-32	
34	900002815	8	Bolt, HHCS 3/8-16 x 1 G5 ZP	
35	902003045	8	Washer, Flat 3/8 ZP	
36	901003020	8	Nut, Nylock 3/8-16	
37	420300624	1	Switch, Left Boom Tilt	
38	420300623	1	Switch, Boom Rack Up and Down	
39	420300627	2	Switch, Forward and Reverse	

Raven Console Mounting

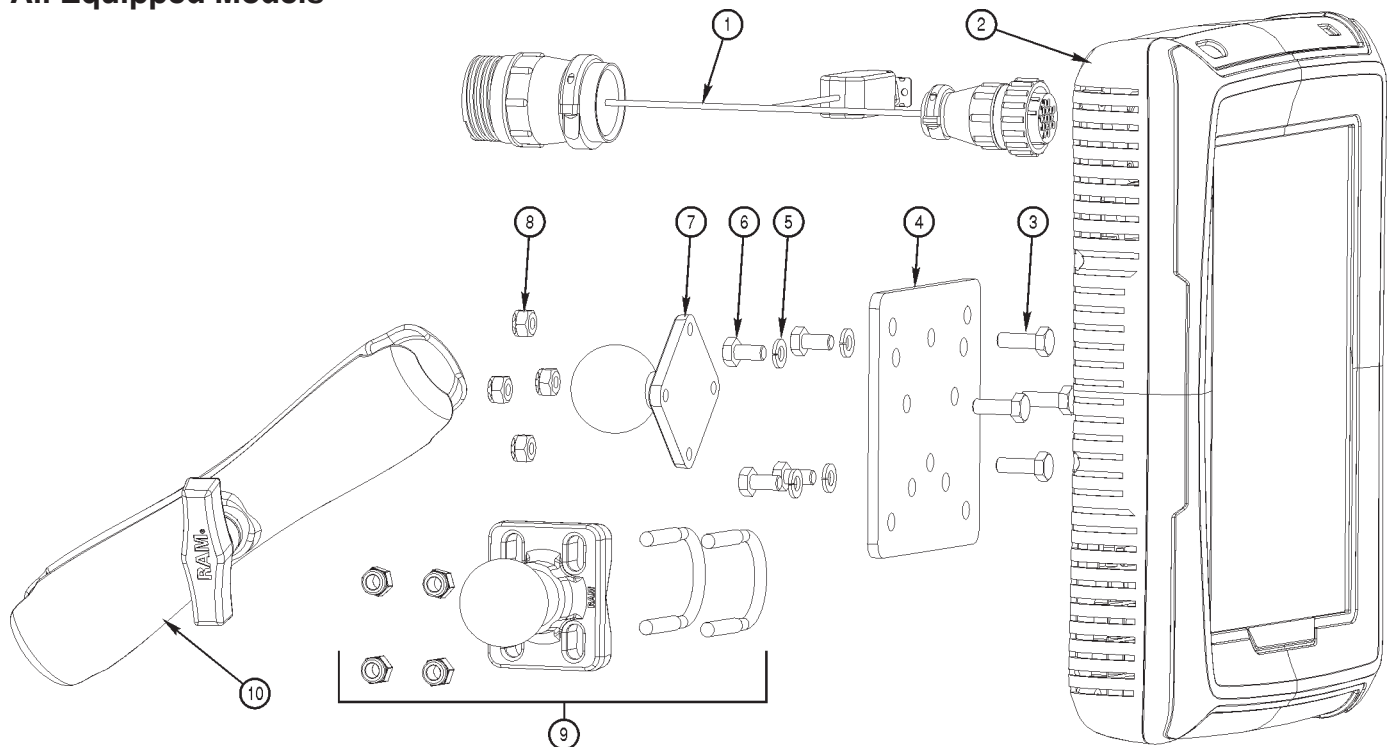
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	440000002	1	Ram Mount, Size C 1 1/2" Ball	
2	440000005	1	Ram Mount, Double socket	
3	901003000	4	Nut, Nylock 1/4-20	
4	440000006	1	Ram Mount Base, 2 x 2	
5	NSS		Included with # 9	
6	NSS		Included with # 9	
7	450000002	1	Mount Plate, Console	
8	900002395	4	Bolt, 1/4-20 x 3/4 G5 ZP	
9	611000190	1	Console, Raven SCS 5000	
	K65000216		Kit adds an Envizio Pro Console	
	K65000217		Kit adds a Viper Pro console	
	K65000193		Kit adds PowerGlide Plus AutoBoom Height Control	Works with 5000, Envizio Pro or Viper Pro
	K65000194		Kit adds UltraGlide AutoBoom Height Control	Works with 5000, Envizio Pro or Viper Pro
	K65000199		Kit adds Phoenix 200 Antenna	Works with Envizio Pro or Viper Pro
	K65000200		Kit adds Phoenix 300 Antenna	Works with Envizio Pro or Viper Pro
	K65000192		Kit adds Smartrax Auto Steer	Must also order an antenna kit.
	K65000155		Kit adds AccuBoom Automatic Boom Shut Off	Works with Envizio Pro or Viper Pro; Must also order antenna.

Viper Console Mounting

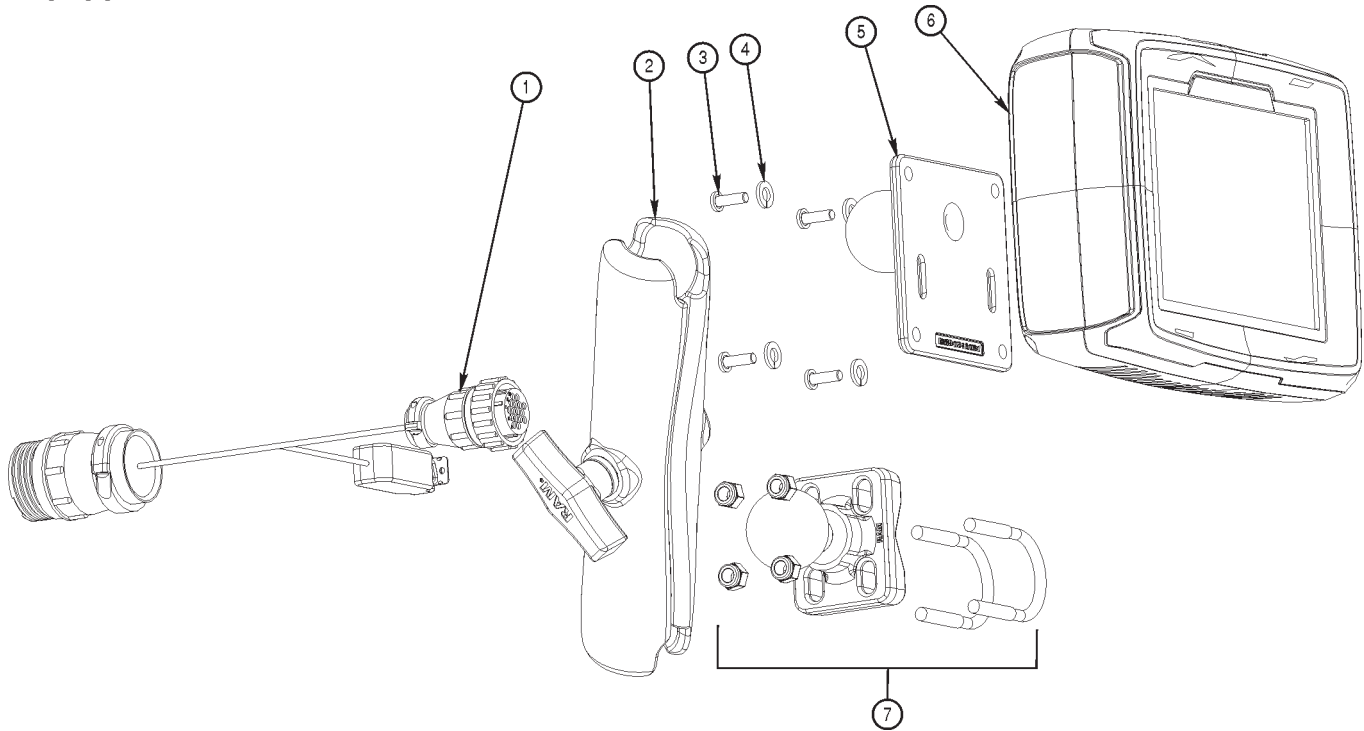
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	700000492	1	Adapter Harness, Viper	
2	740000104	1	Console, Viper Pro	
3	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
4	450000002	1	Mount Plate, Viper	
5	902201085	4	Washer, Lock 1/4 ZP	
6	900002396	4	Bolt, HHCS 1/4-20 x 1/2 G5 ZP	
7	440000006	1	Ram Mount, Base 2 x 2	
8	901003000	4	Nut, Nylock 1/4-20	
9	400000002	1	Ram Mount, Base Size C	
10	440000005	1	Ram Mount, Double Socket	
	K65000216		Kit adds an Envizio Pro Console	
	K65000217		Kit adds a Viper Pro console	
	K65000193		Kit adds PowerGlide Plus AutoBoom Height Control	Works with 5000, Envizio Pro or Viper Pro
	K65000194		Kit adds UltraGlide AutoBoom Height Control	Works with 5000, Envizio Pro or Viper Pro
	K65000199		Kit adds Phoenix 200 Antenna	Works with Envizio Pro or Viper Pro
	K65000200		Kit adds Phoenix 300 Antenna	Works with Envizio Pro or Viper Pro
	K65000192		Kit adds Smartrax Auto Steer	Must also order an antenna kit.
	K65000155		Kit adds AccuBoom Automatic Boom Shut Off	Works with Envizio Pro or Viper Pro; Must also order antenna.

E Pro Console Mounting

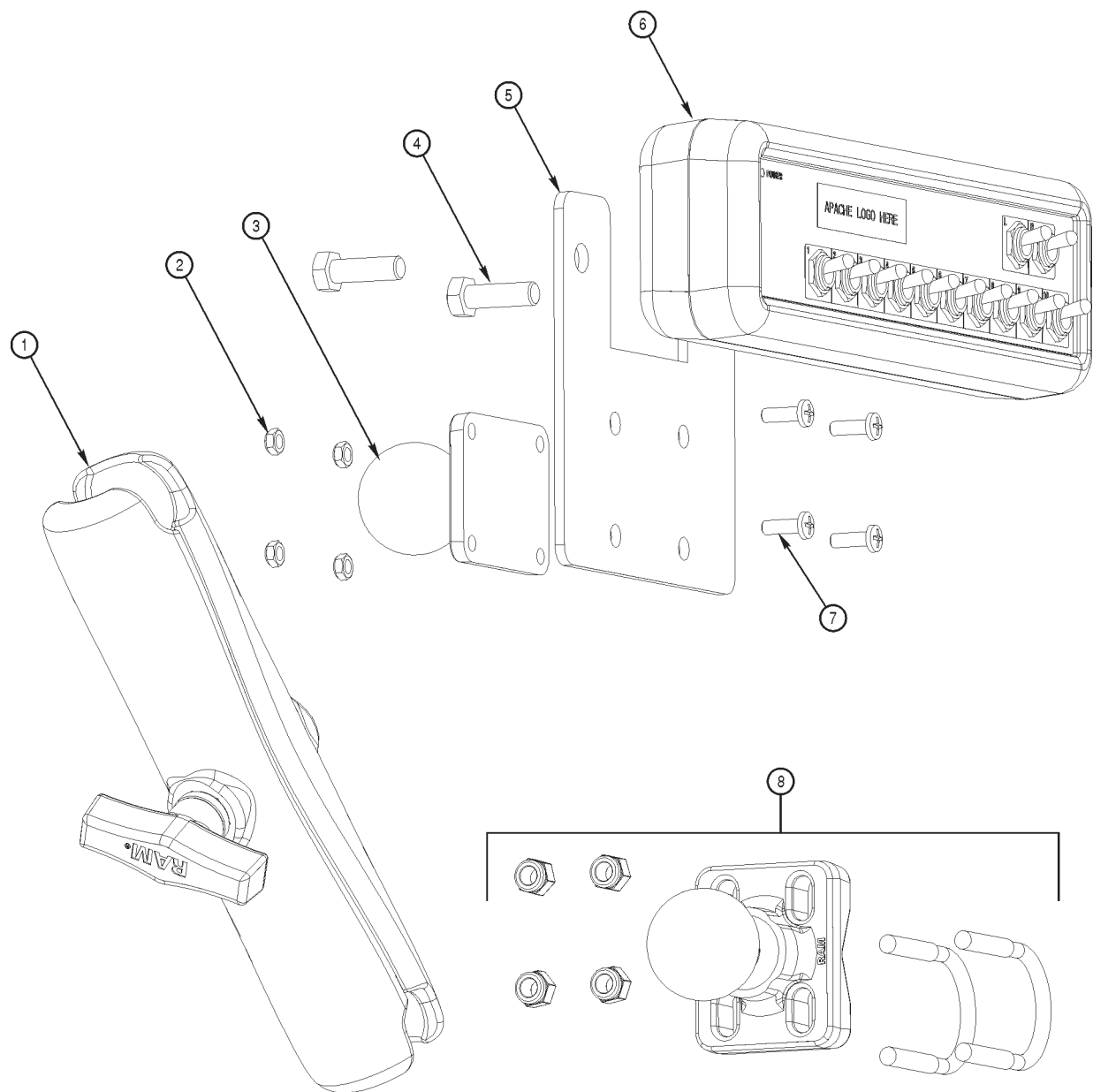
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	700000492	1	Adapter Harness, 5000 to E-Pro	
2	440000005	1	Ram Mount, Double Socket	
3	900002511	4	Capscrew, Buttonhead 10/32 x 1/2	
4	901000243	4	Washer, Lock # 10	
5	440000003	1	Ram Mount, Base 3 5/8" SQ.	
6	611000104	1	Console, Envizio Pro w/o GPS	
7	440000002	1	Ram Mount, Base Size C	
	K65000216		Kit adds an Envizio Pro Console	
	K65000217		Kit adds a Viper Pro console	
	K65000193		Kit adds PowerGlide Plus Auto Boom Height Control	Works with 5000, Envizio Pro, or Viper Pro
	K65000194		Kit adds UltraGlide Auto Boom Height Control	Works with 5000, Envizio Pro, or Viper Pro
	K65000199		Kit adds Phoenix 200 Antenna	Works with Envizio Pro or Viper Pro
	K65000200		Kit adds Phoenix 300 Antenna	Works with Envizio Pro or Viper Pro
	K65000192		Kit adds Smarttrax Auto Steer	Must also order an antenna kit.
	K65000155		Kit adds Accuboom Automatic Boom Shut Off	Works with Envizio Pro or Viper Pro Must also order antenna.

Switches Console Mounting

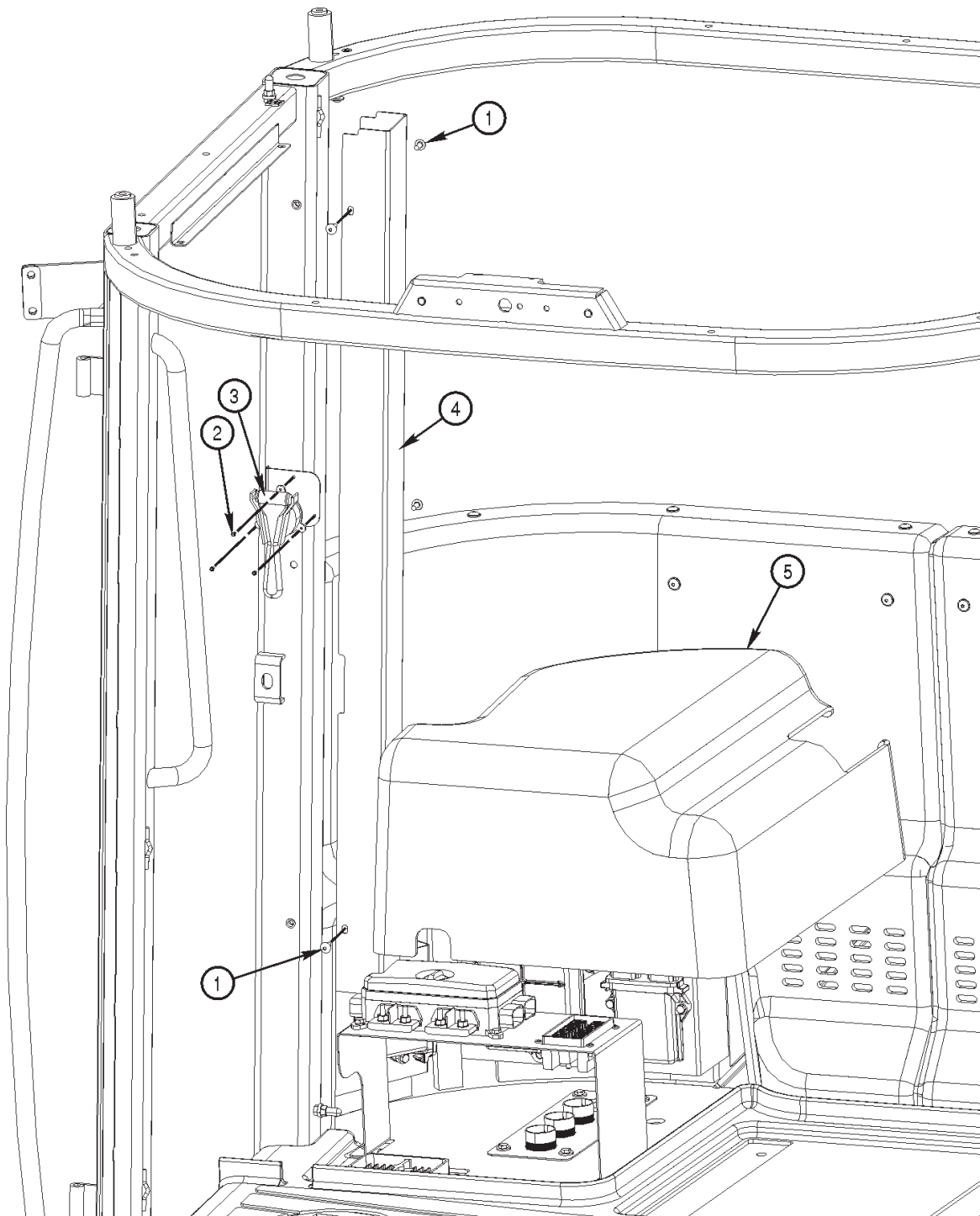
All Models



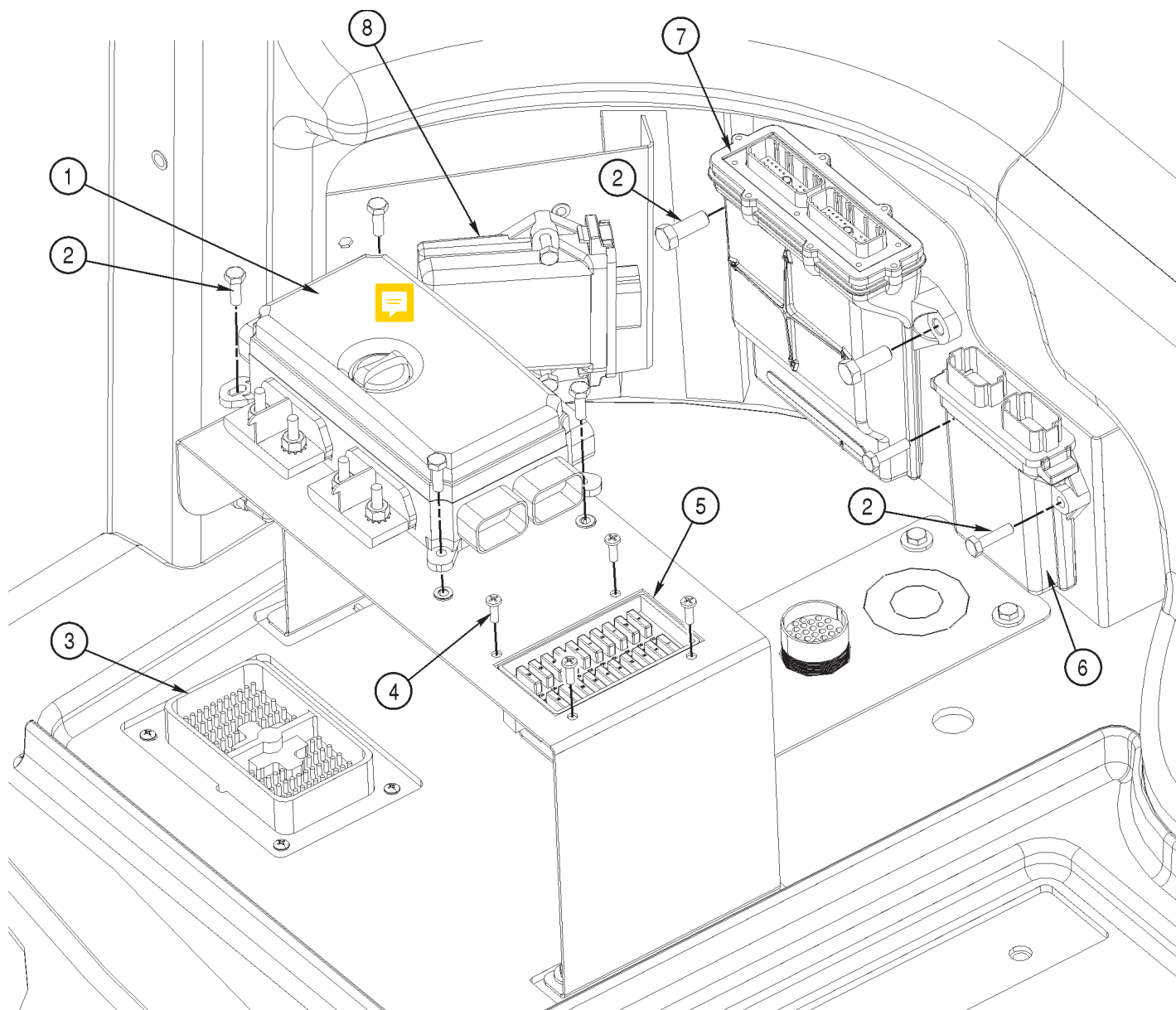
Item	Part Number	Qty	Description	Comments
1	440000005	1	Ram Mount, Double	
2	901002900	4	Nut, Nylock 10/32	
3	440000007	1	Ram Mount, Base 2 x 2.5	
4	901100724	2	Bolt, M6 x 1.0 x 10	
5	450000003	1	Mount Plate, Boom Switchbox	
6	420301070	1	Switchbox, 10 Section	
7	900002511	4	Capscrew, Buttonhead 10/32 x 1/2	"
8	440000002	1	Ram Mount, Base Size C	

Electrical

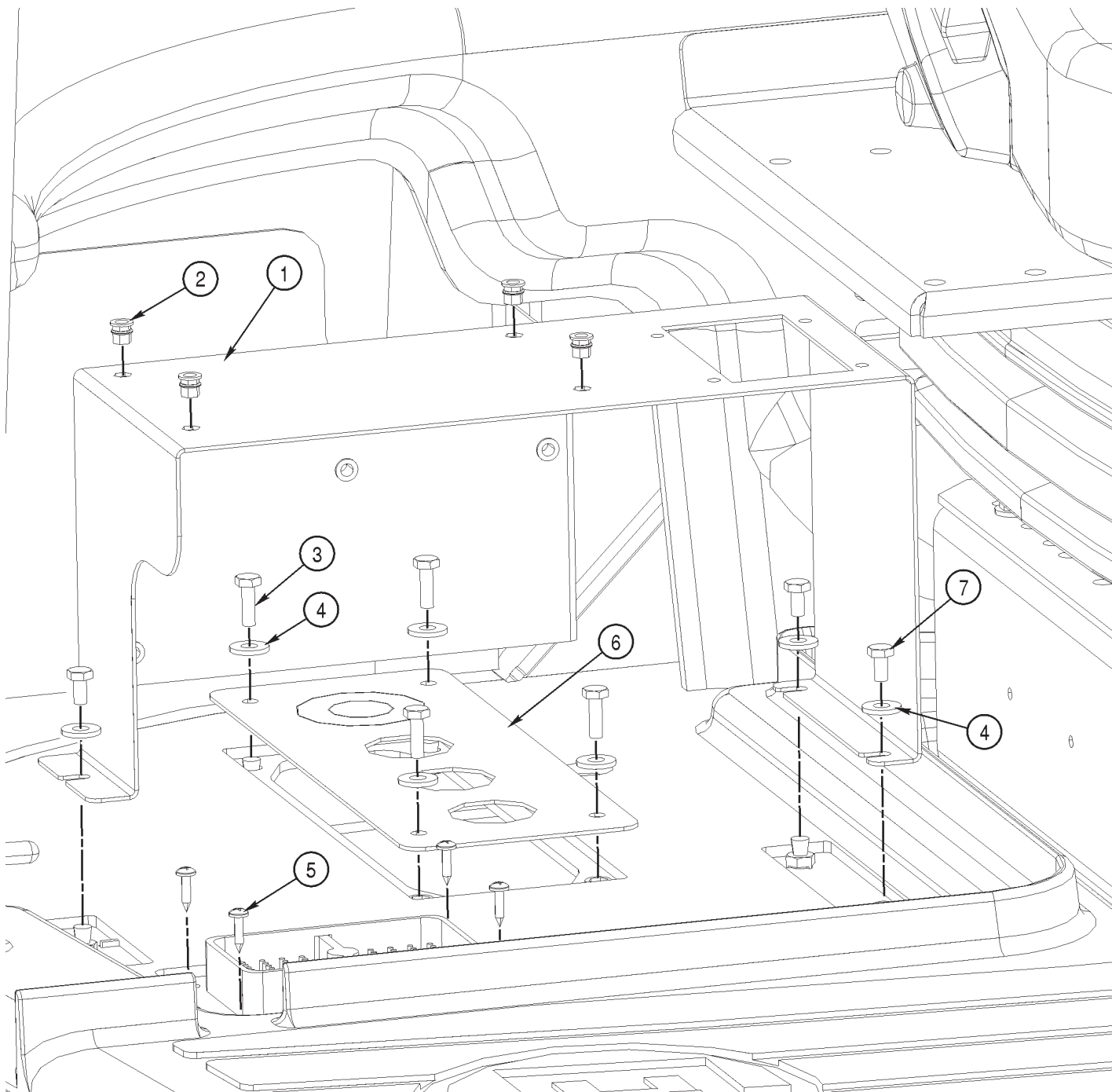
All Models



Item	Part Number	Qty	Description	Comments
1	400000347	4	Bolt, 1/4-20 x 0.62 Cab	
2	400000333	3	Rivet, Window Seal	
3	400000612	1	Emergency Exit hammer with Cable	
4	400200173	1	Cover, Harness	
5	400200094	1	Cover, Electrical Cab	
	420306047	1	Decal, Electrical Cover (2011)	Not Shown
	420306048	1	Decal Set Warning Inside	Not Shown
	420306049	1	Decal Set Warning Outside	Not Shown



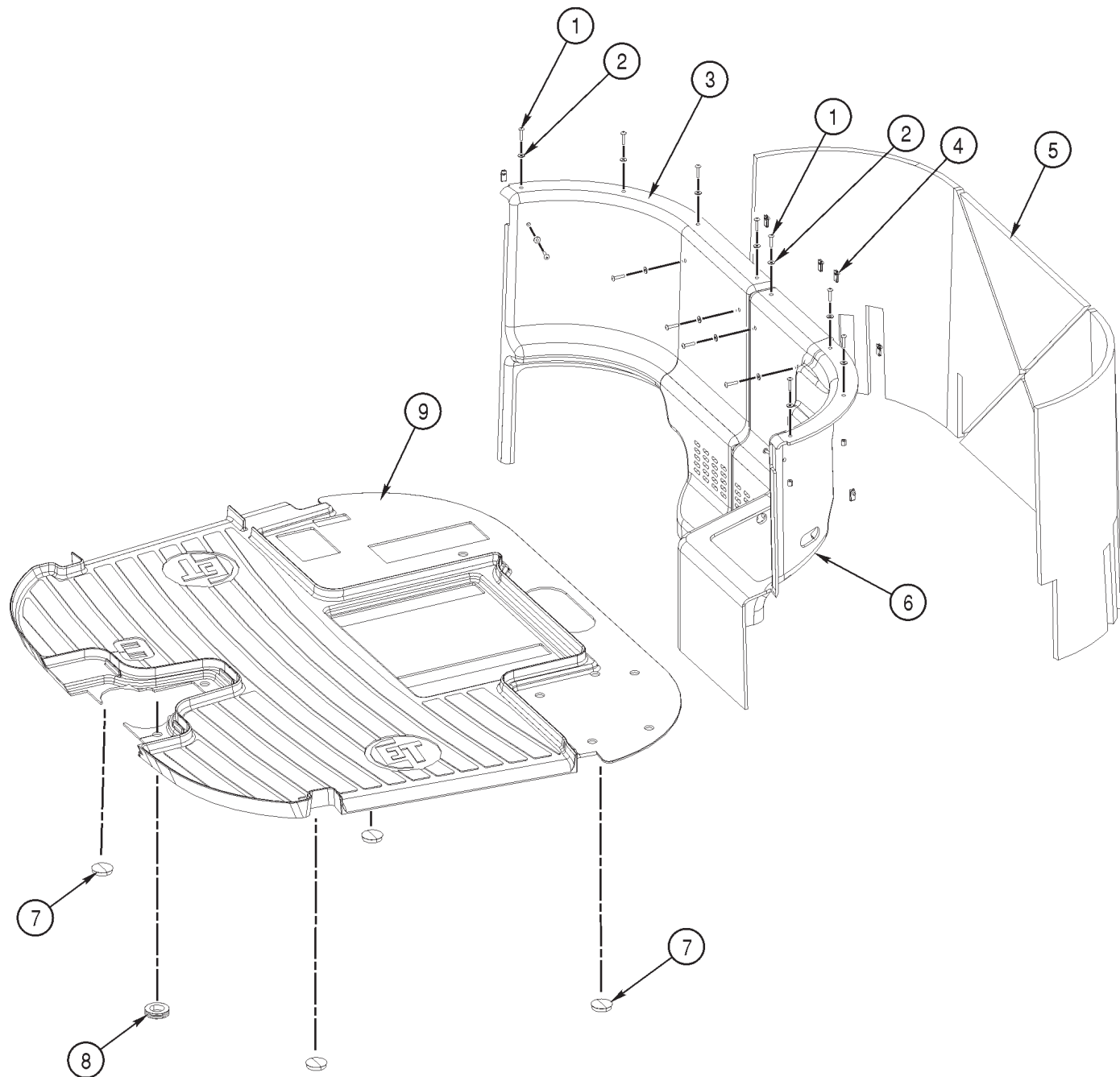
Item	Part Number	Qty	Description	Comments
1	700100300	1	Fuse Block, Dvec Bussman	
2	900002405	10	Bolt, HHCS 1/4-20 x 1 G5 ZP	
3	700000534	1	Harness, Main	700000535 - Harness, Cab
4	900002511	4	Capscrew, Button Head 10-32 x 1/2"	
5	700100301	1	Fuse Block, RT Bussman	
6	740000101	1	Node, Can Boom Sense/Speed	
7	740000150	1	Node, Can SmarTrax	
8	750000010	1	12V/24V Voltage Doubler	
	420306047	1	Decal, Electrical Cover (2011)	Not Shown
	420306048	1	Decal Set Warning Inside	Not Shown
	420306049	1	Decal Set Warning Outside	Not Shown



Item	Part Number	Qty	Description	Comments
1	400200152	1	Bracket, Fuse Block Mounting	
2	400200021	4	Rivnut, 1/4-20 0.305 Cab	
3	400000373	4	Bolt, 1/4-20 x 3/4" Hex G8	
4	400000357	8	Washer, Flat 3/4 Cab	
5	915001308	4	Screw, #10 x 1" Pan Head Sheet Metal	
6	400200151	1	Plate, Harness Connectors	
7	400000827	4	Bolt, 1/4-20 x 0.50, Hex, G8	

Floor Mat

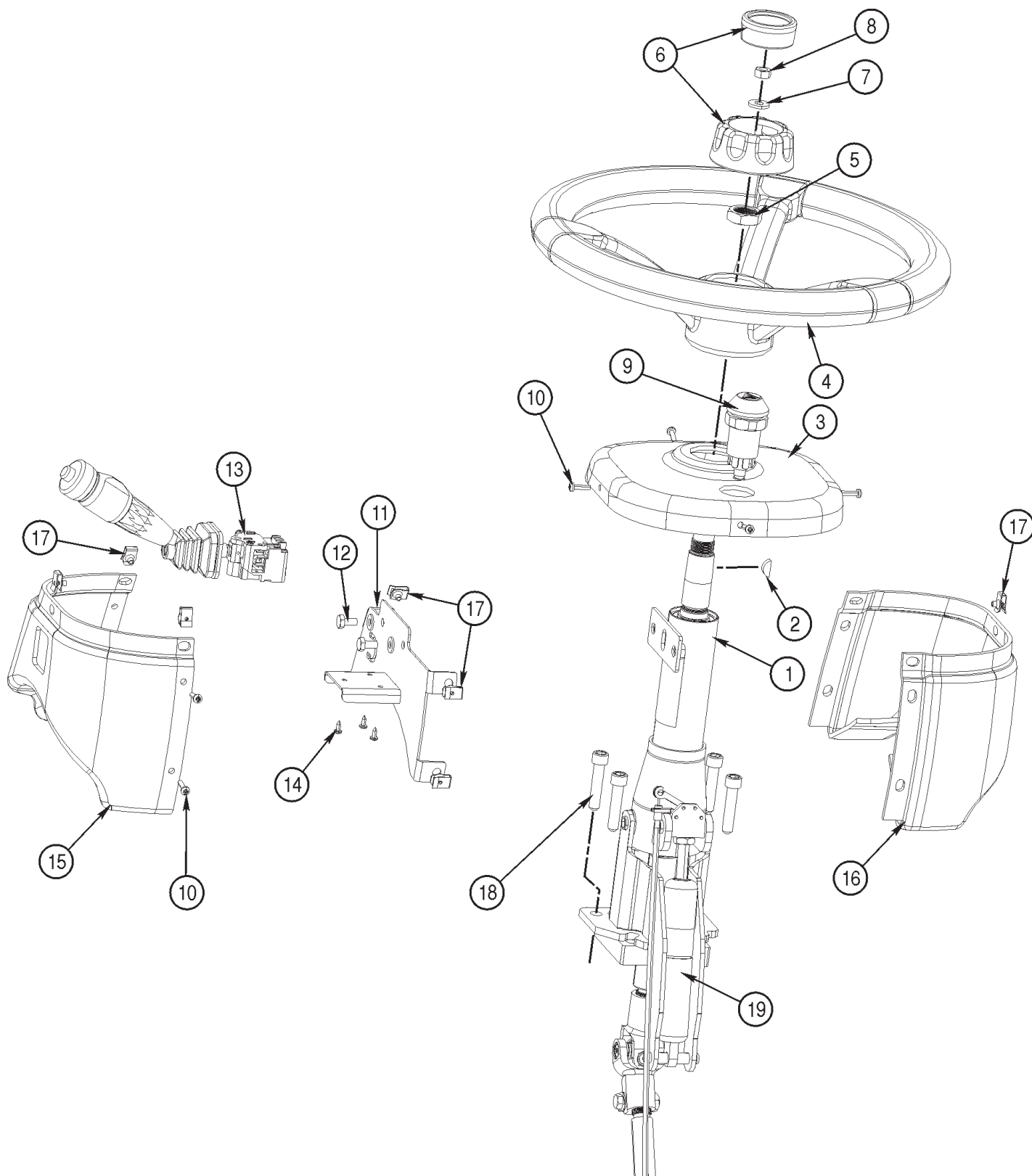
All Models



Item	Part Number	Qty	Description	Comments
1	400000856	14	Bolt, 1/4-20 x 1.25 TRS	
2	400000346	26	Washer, Flat 0.260, 0.680, 0.062 Black	
3	400200170	1	Panel, Rear R/H	
4	400200069	10	Nut, 1/4-20 Tin, Cab	
5	400200214	1	Assembly, Sound Abatement	
6	400200169	1	Panel, Rear L/H	
7	400000338	4	Plug, Round Floor Cab	
8	400000862	1	Grommet, 1.50, 2.00, 2.50, 0.187, SBR	
9	400200168	1	Mat, Floor	

Upper Steering Column

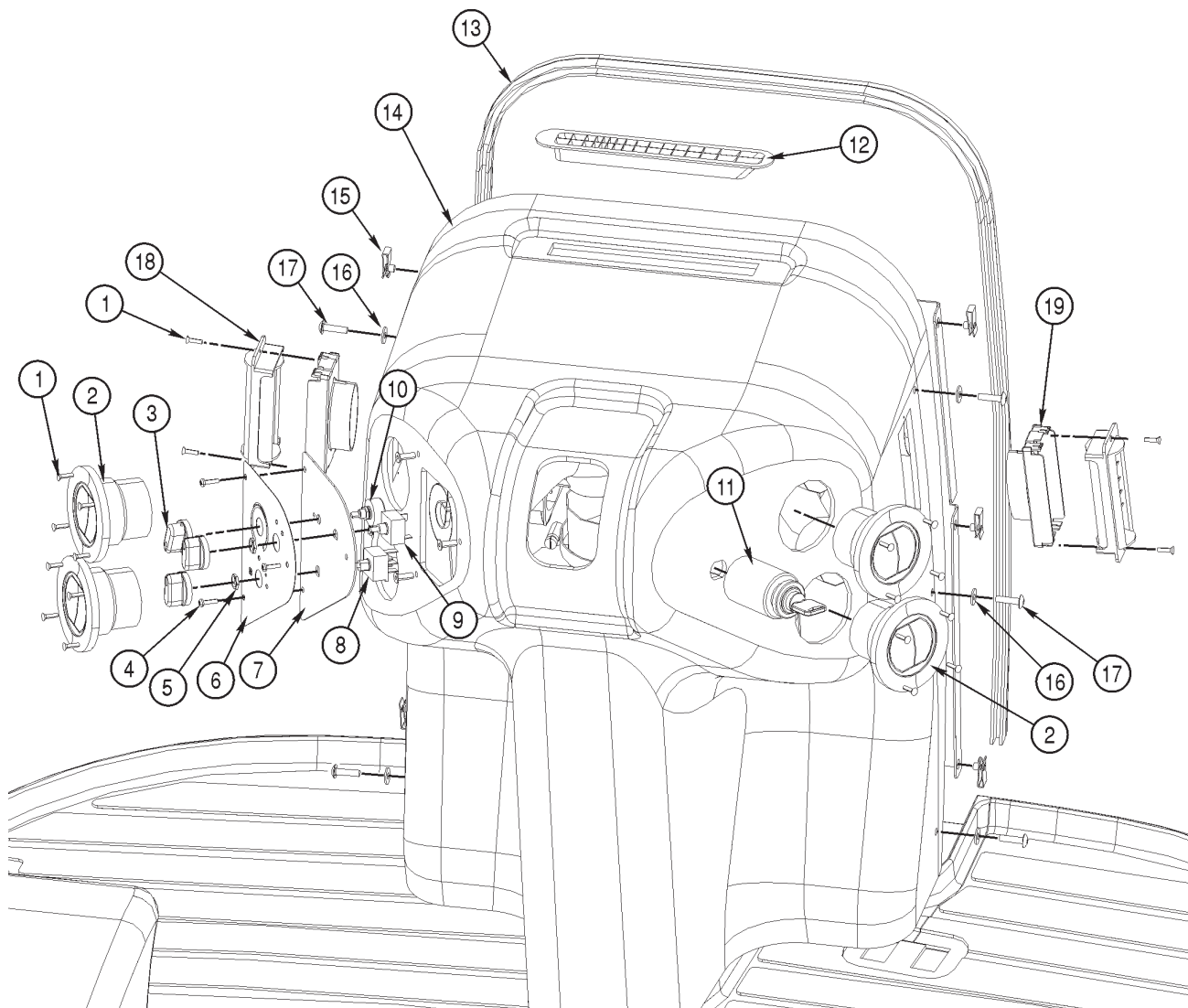
All Models



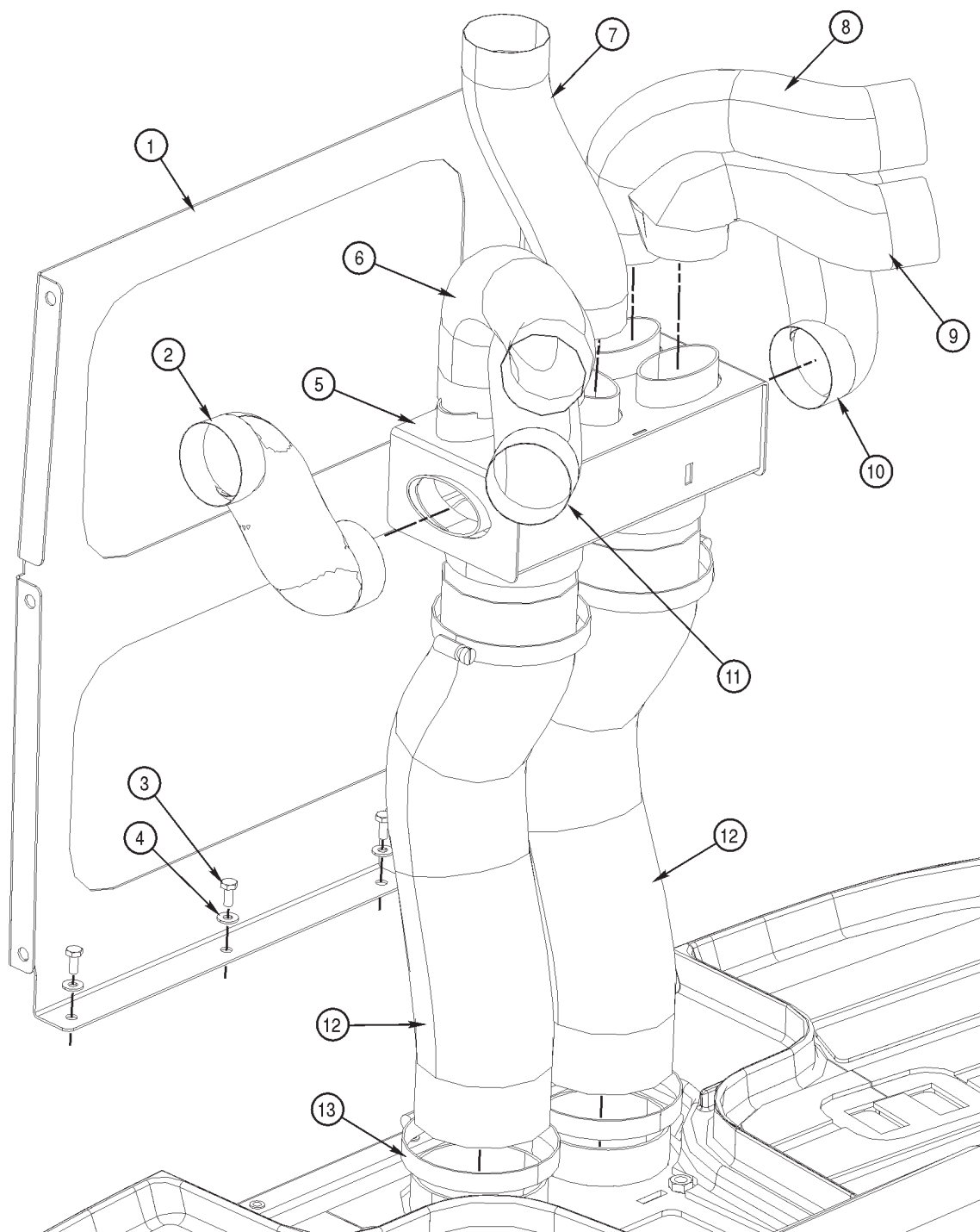
Item	Part Number	Qty	Description	Comments
1	400200149	1	Column, Tilt/Telescope	
2	400200141	1	Woodruff Key, 5 x 16	
3	400200146	1	Cover, Steering Column Top	
4	400200089	1	Steering Wheel, Padded 380 mm	
5	460000001	1	Nut, Steering Wheel 13/16	
6	400000829	1	Cap, Steering Wheel, Telescope	
7	400000357	1	Washer, 3/4 Flat Cab	
8	400000430	1	Nut, M8 x 1.25 Hex Cab	
9	400200091	1	Switch, Hazard	
10	400000821	8	Bolt, M4 x 0.7 x 16, Pan, PH	
11	400200147	1	Weldment, Column Plastic Mount	
12	400000827	2	Bolt, 0.25-20 x 0.50, Hex, G8	
13	400000828	1	Switch, Column, Turn Signal/Wiper	
14	400000825	3	Screw, #6-18 x 3/8, RND, PH,	
15	400200144	1	Cover, Steering Column L/H	
16	400200145	1	Cover, Steering Column R/H	
17	400000323	8	U-Clip, M4	
18	400200142	4	Bolt, 0.375-16 x 1.75, SKT, HX, G8	
19	460000007	1	Gas Spring Assembly, Column	
	400000801		Assembly, Steering Column	Complete Assembly
	400000890	1	Cable, Steering Column, Tilt	Not Shown
	700000532	1	Harness, Steering Column	Not Shown

Dash

All Models



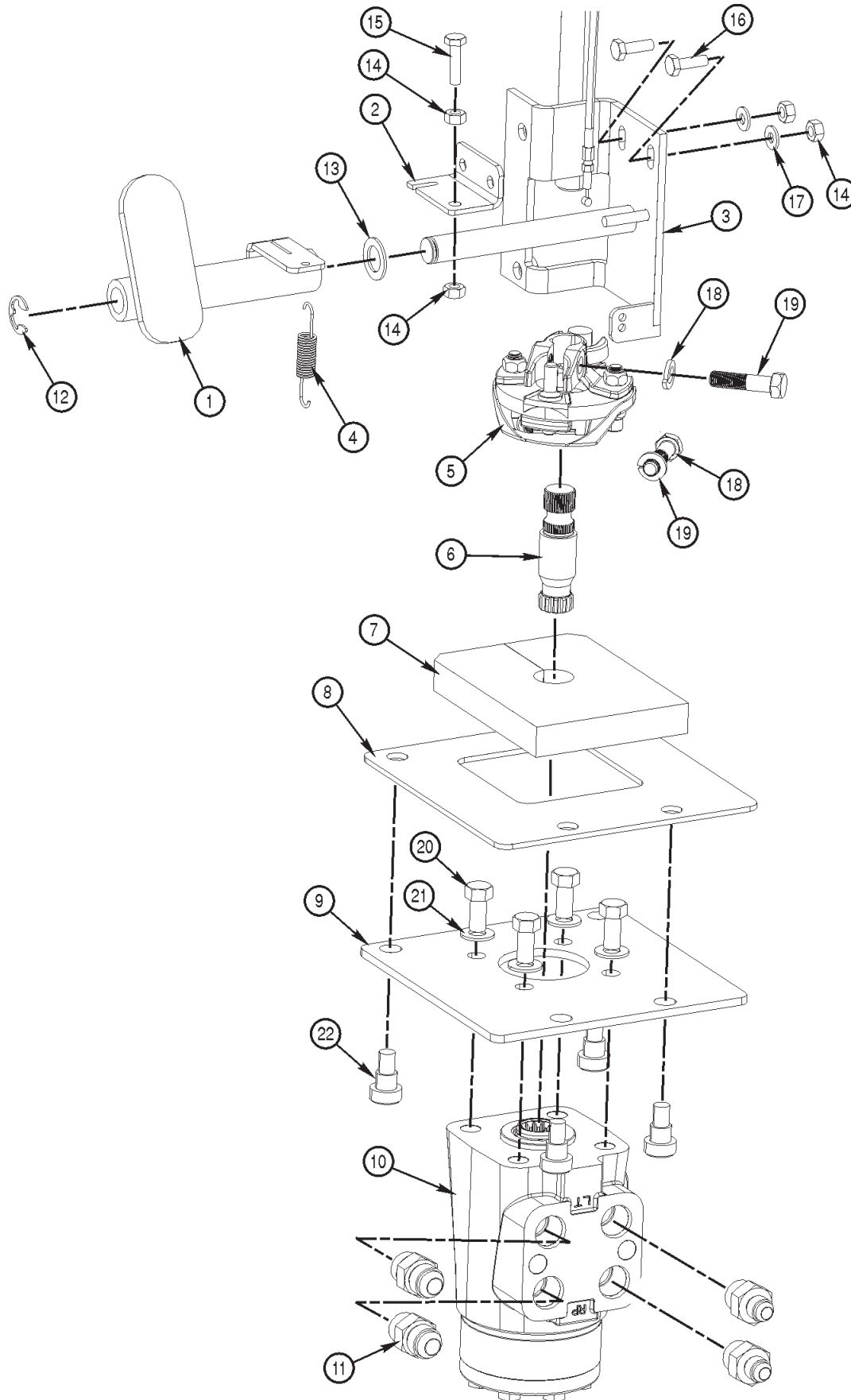
Item	Part Number	Qty	Description	Comments
1	400000818	20	Screw, M4 x 0.7 x 16 FLT, TR, BZ CNH-A	
2	400000813	4	Louver, 4" Round	
3	400200101	3	Knob, Pointer HVAC Panel	
4	400000821	3	Bolt, M4 x 0.7 x 16, Pan	
5	400200103	3	Nut, Control Panel Switch HVAC	
6	400200100	1	Decal, Controls Fan/AC/Heat HVAC Panel	
7	400200104	1	Bracket, Control Panel HVAC	
8	400000531	1	Switch, 3 - Speed	
9	400200099	1	Switch, Potentiometer HVAC Panel	
10	400200102	1	Switch, Rotary, 2 post HVAC Panel	
11	400200087	1	Keyswitch, Steering Column	
12	400000603	1	Louver, 1.06" x 8.57" Fixed Vain	
13	400200136	1	Seal, Dash	
14	400200137	1	Assembly, Dash	
15	400200069	6	Nut, 1/4-20 Tin, Cab	
16	400000346	6	Washer, Flat Cab	
17	400000362	6	Bolt, 1/4-20 x 1" Cab	
18	400000815	2	Louver, 49 mm x 121 mm	
19	400000817	2	Hose Adapter, Rect Louver	
	400000811		Control Panel Assembly	Includes Item 3 and Items 5 through 10.



Item	Part Number	Qty	Description	Comments
1	400200135	1	Plate, Dash Mounting	
2	400000819	0.85'	Hose, Flex 2.5 ID	Sold per foot
3	400000822	3	Bolt, 1/4 -20 x 0.63, Hex, G8,	
4	400000823	3	Washer, Flat 0.281, 0.625, 0.062	
5	400000814	1	Adapter, 2 1/2" Hose, Oval	
6	400000819	1.3'	Hose, Flex 2.5 ID	Sold per foot
7	400000819	1.25'	Hose, Flex 2.5 ID	Sold per foot
8	400000819	1.3'	Hose, Flex 2.5 ID	Sold per foot
9	400000819	1.2'	Hose, Flex 2.5 ID	Sold per foot
10	400000819	0.85'	Hose, Flex 2.5 ID	Sold per foot
11	400000819	1.2'	Hose, Flex 2.5 ID	Sold per foot
12	400000820	2'	Hose, 4" ID Flex, Woven Fiberglass	Sold per foot
13	400000816	4	Clamp, Hose Worm 3-5"	

Lower Steering Column

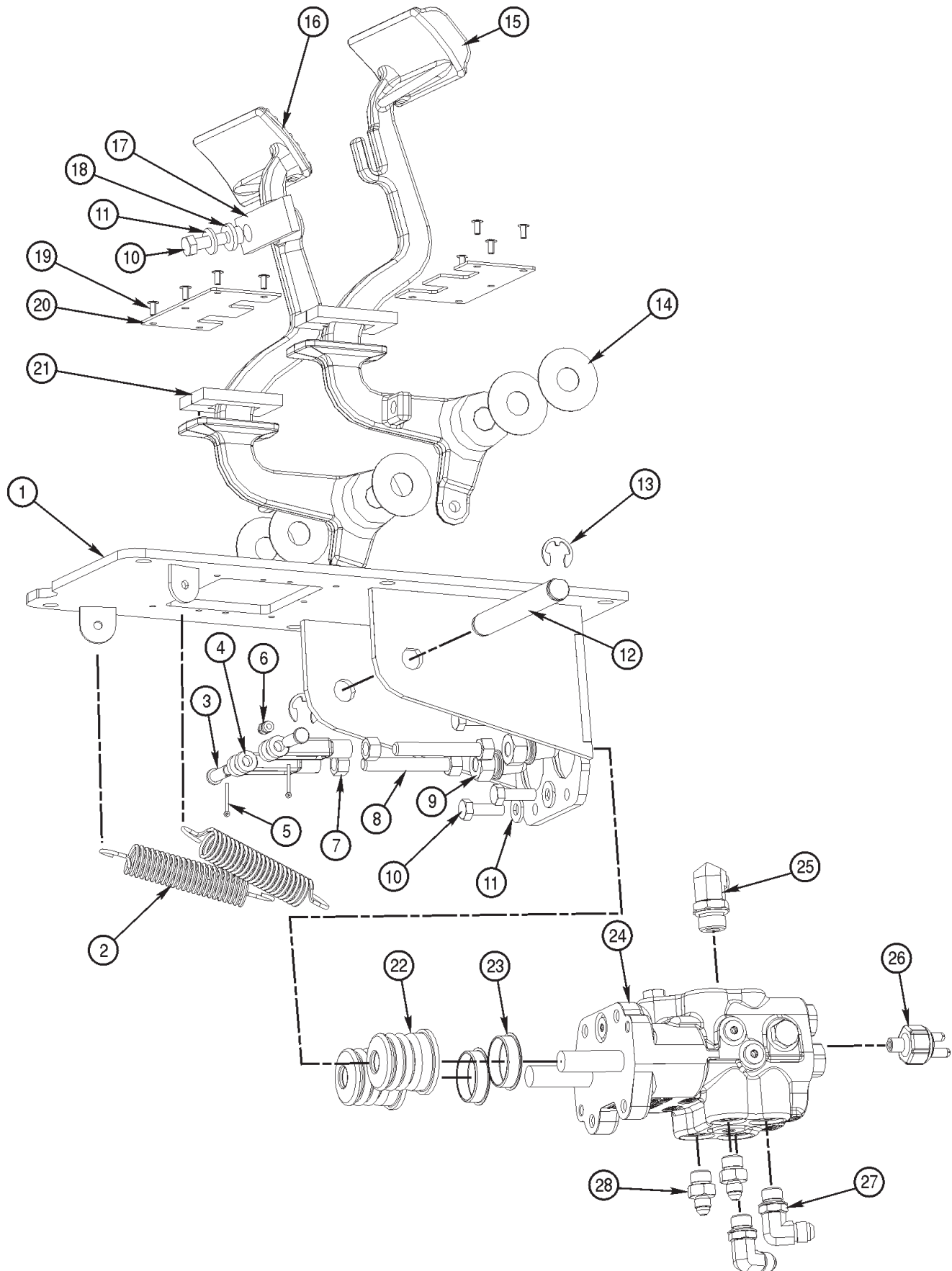
All Models



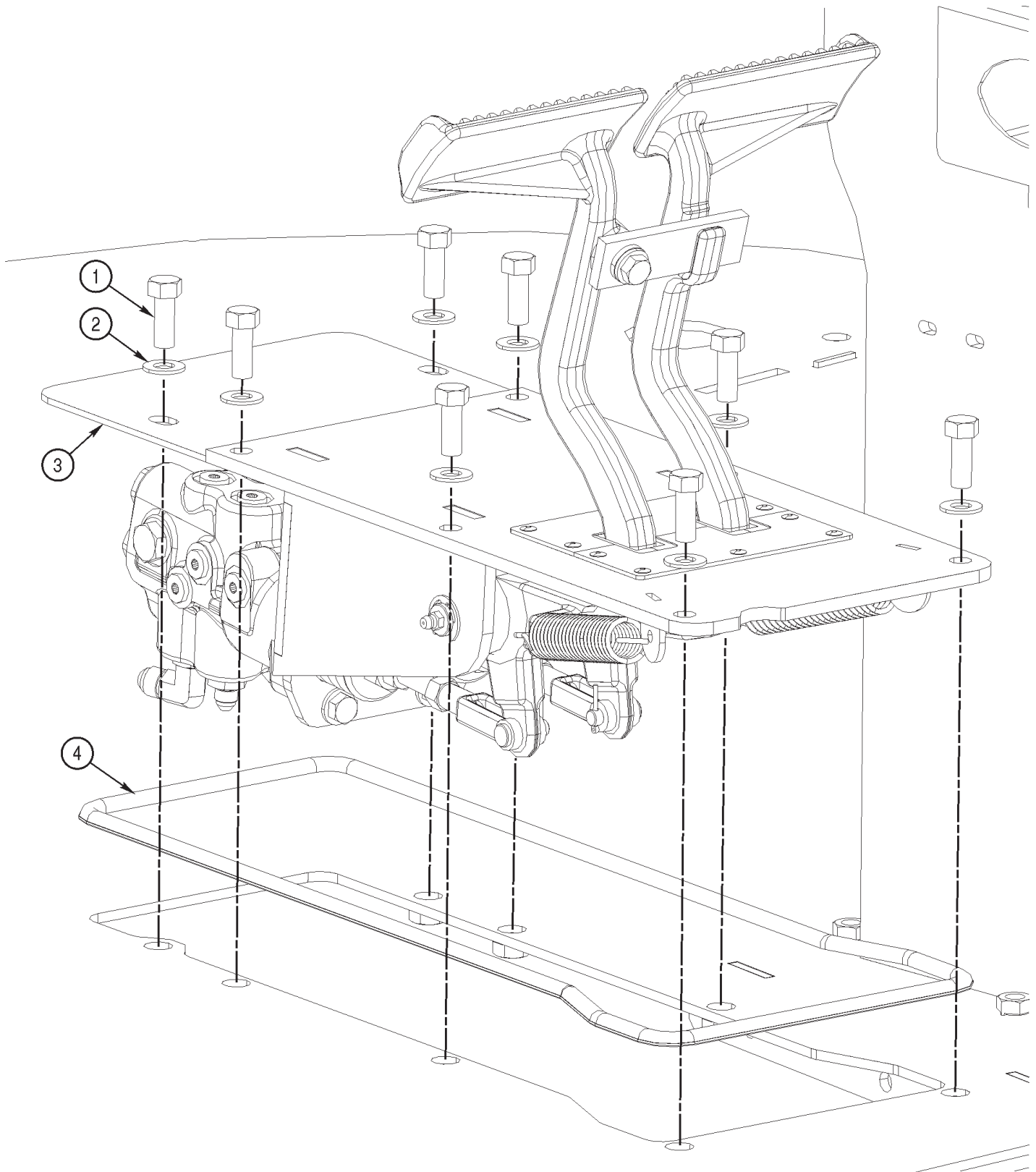
Item	Part Number	Qty	Description	Comments
1	400200139	1	Weldment, Tilt Pedal	
2	400200140	1	Angle, Tilt Cable Adjustment	
3	400200138	1	Weldment, Tilt Pedal Pin	
4	400000880	1	Spring, Black Tension	
5	490000018	1	Isolator Assembly, Column	
6	490000017	1	Adapter Shaft, Column	
7	490000019	1	Isolation Pad, Column	
8	400200148	1	Gasket, Nylon	
9	400200143	1	Plate, Steering Pump	
10	A00000042	1	Steering Pump, with fittings	
11	800302445	4	Fitting, 8 FLM x 8 ORM ST	
12	400000397	1	Circlip, Cab	
13	400200150	1	Washer, 0.625, 1.00, 0.062, FLT, NY, White	
14	400000422	4	Nut, 1/4-20 Hex G8	
15	400200012	1	Bolt, Cab 1/4-20 x 1" G8	
16	400000373	4	Bolt, 1/4-20 x 3/4" Hex G8	
17	400000826	6	Washer, 0.251, 0.565, 0.060,FLT	
18	900002806	2	Washer, Lock 3/8	
19	900005564	2	Bolt, HHCS 3/8-24 x 1 1/2 G5 ZP	
20	400000691	4	Bolt, Hex 3/8-16 x 3/4 G8	
21	400000418	4	Washer, 0.402, 0.798, 0.063 BEV	
22	400000831	4	Bolt, 0.375-16 x 0.50, SHL, HX-0.25 G5	
	400000890	1	Cable, Steering Column, Tilt	Not Shown

Brake Pedals

All Models



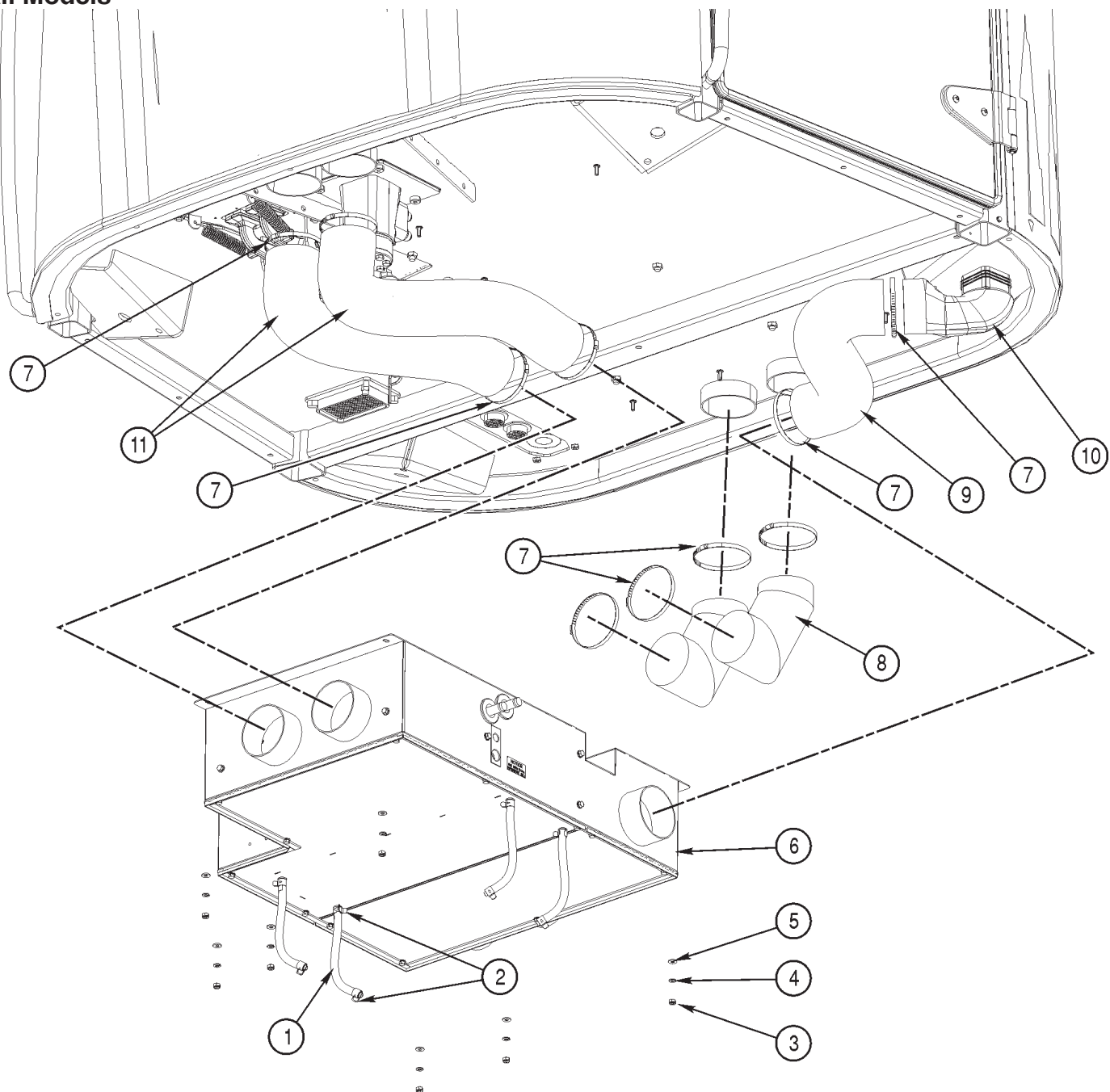
Item	Part Number	Qty	Description	Comments
1	400200209	1	Weldment, Brake Plate	
2	400000398	2	Spring, Extension Brake	
3	400000851	2	Pin,Clevis, 0.311 OD x 0.832LG,YZ	
4	400000852	2	Clevis End, 0.375-24, 0.313 Pin	
5	400000665	2	Pin, Cotter 2 x 20	
6	400200036	1	Zerk, 1/4-28 Grease, Cab	
7	400200035	4	Nut, Jam 0.38-24, Cab	
8	400200211	2	Threaded Rod, Brake	
9	400200038	2	Pushrod, Brakes	
10	400000659	5	Bolt, Hex M8 x 1.25 x 25 Cab	
11	400000674	5	Washer, Bev 8, 18, 1.4 Cab	
12	400200041	1	Pin, Grooved, Cab	
13	400000397	2	Circlip, Cab	
14	400000656	5	Washer, Flat 17, 45, 1 Cab	
15	400200206	1	Pedal, Left	
16	400200207	1	Pedal, Right	
17	400200049	1	Plate, Brake Lock	
18	400200042	1	Spacer, Brake Lock	
19	400000663	10	Rivet, 4 x 8.6 Cab	
20	400200208	2	Plate, Brake Opening	
21	400000661	2	Seal, Around Brake Pedal	
22	400200210	2	Boot, Brake	
23	400200043	2	Boot Retainer, Brake	
24	400200037	1	Master Cylinder, Brake	Master Cylinder Repair Kit P/N 400200215
25	800404230	1	Fitting, 8 FLM x 8 ORM 90	
26	700020101	1	Switch, Brake Pressure	
27	800404215	2	Fitting, 6 FLM x 6 ORM 90	
28	800302236	2	Fitting, 4 FLM x 6 ORM ST	



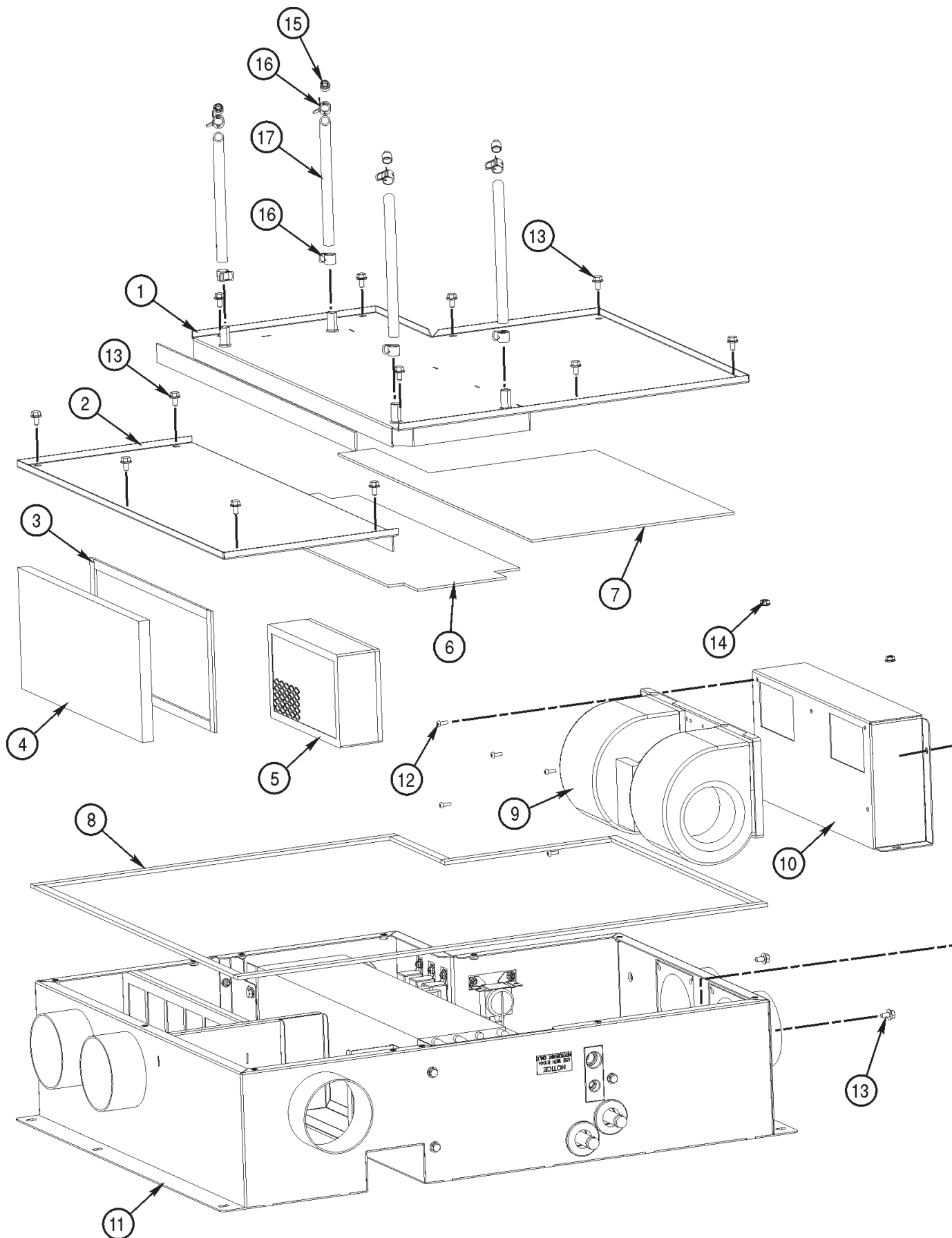
Item	Part Number	Qty	Description	Comments
1	400000416	8	Bolt, 3/8-16 x 1" Hex G8 CAB	
2	400000418	8	Washer, 3/8-16 Flat CAB	
3	400200157	1	Plate, Brake Cover	
4	400200050	1	Seal, Brake Plate, Cab	

HVAC

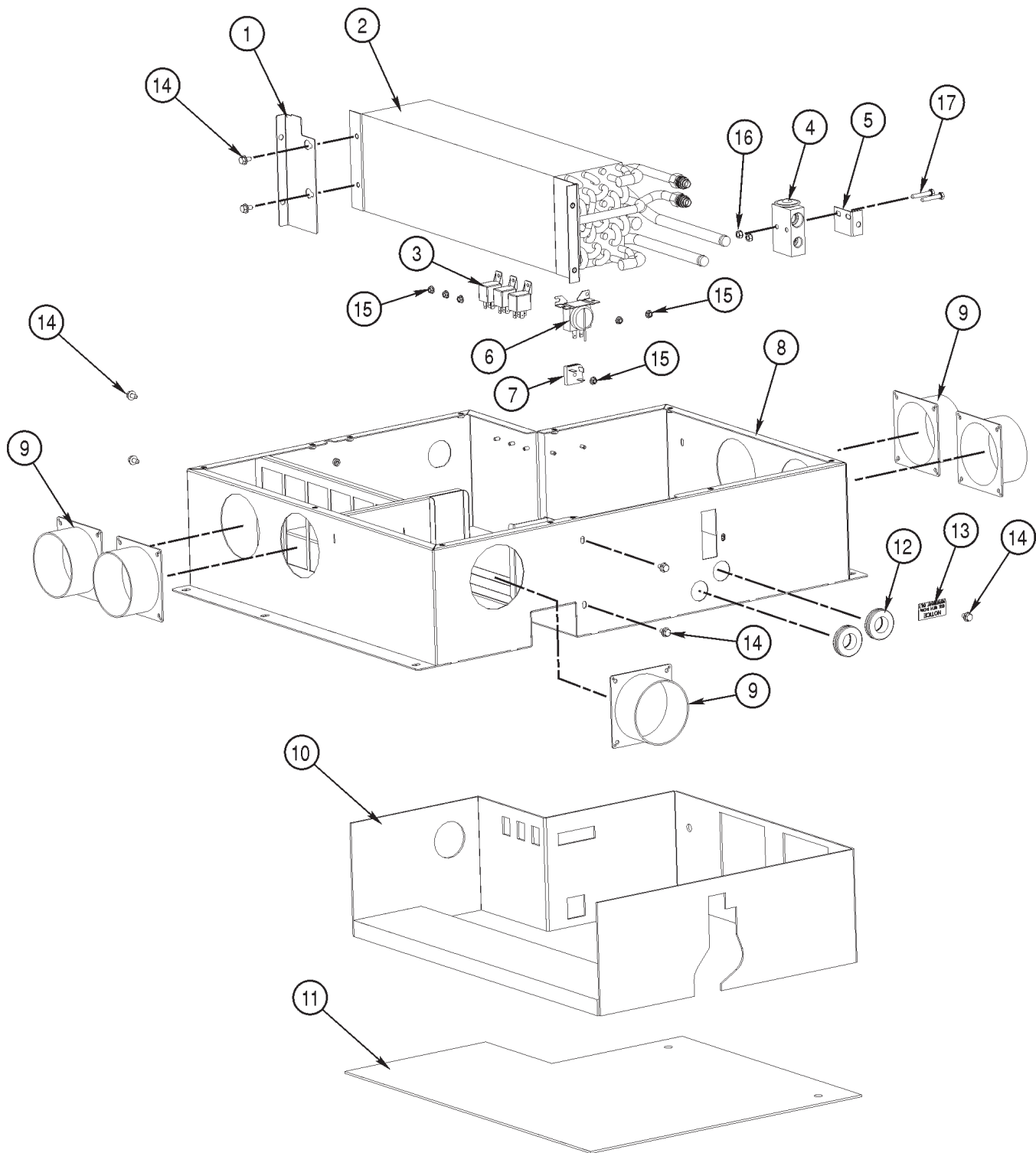
All Models



Item	Part Number	Qty	Description	Comments
1	400000896	4	Hose, Drain HVAC	
2	400000897	8	Clamp, Spring Drain Hose HVAC	
3	901003002	7	Nut, Finished Hex 1/4-20	
4	902201085	7	Washer, Lock 1/4" ZP	
5	902003035	7	Washer, Flat 1/4" ZP	
6	400000810	1	Assembly, HVAC	Complete Assembly
7	915001305	10	Clamp, Screw #064 64-114 mm	
8	400000820	1	Hose, 4" ID Flex	1 ft
9	400000820	2	Hose, 4" ID Flex	1 ft
10	400000824	1	Adapter, Fresh Air	
11	400000820	2	Hose, 4" ID Flex	2 ft



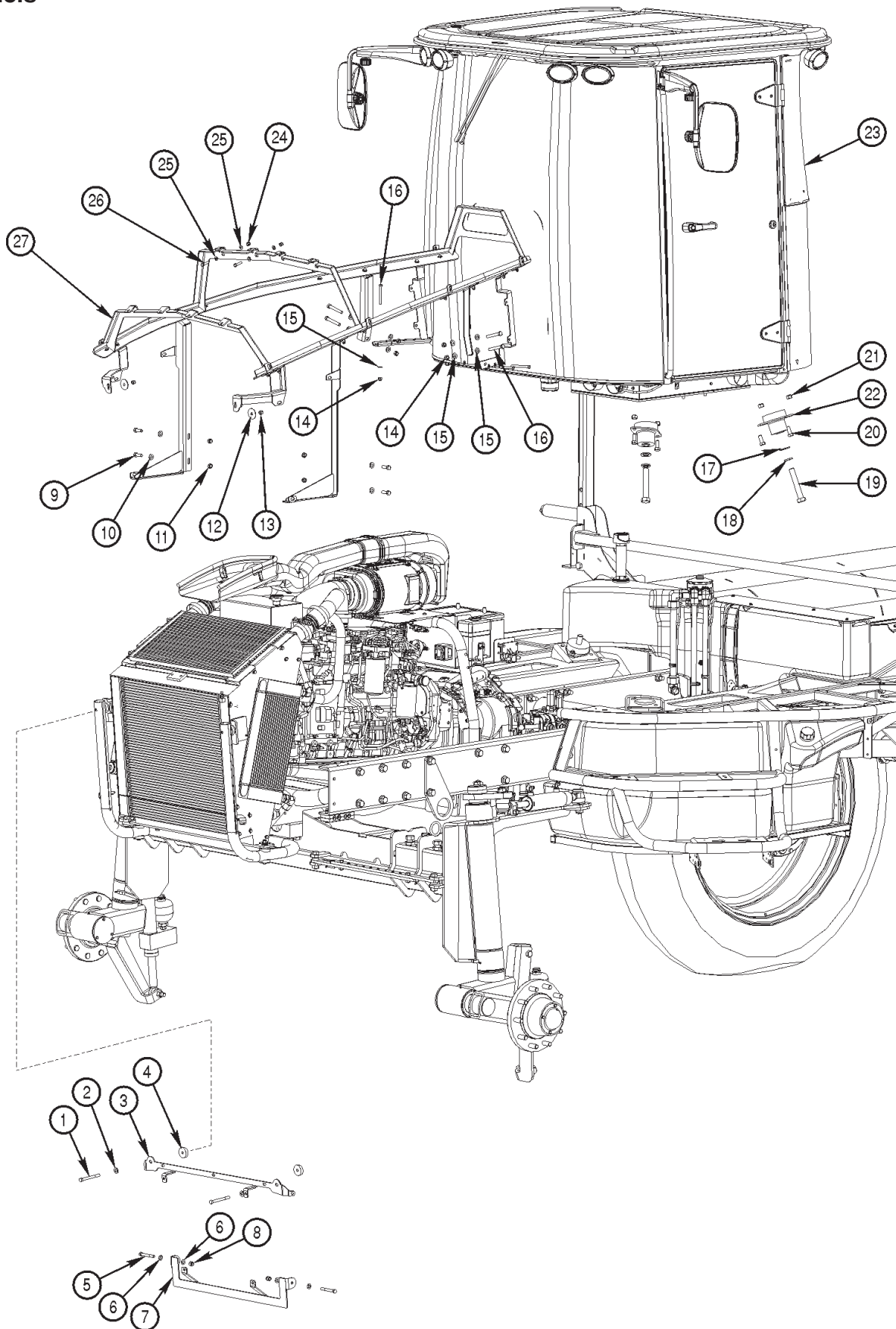
Item	Part Number	Qty	Description	Comments
1	400200124	1	Weldment, Housing Cover HVAC	
2	400200133	1	Cover, Filter HVAC	
3	400000900	40.5"	Tape, Dual Lock, Filter HVAC	
4	490006661	1	Filter, Cab Recirculating	
5	490003651	1	Filter, Cab Charcoal	
6	400200127	1	Foam Panel, Drain Pan HVAC	
7	400200132	1	Foam Panel, Cover HVAC	
8	490100000	20.96"	Sponge Rub 1" W x 1/4" TK 50	
9	400200108	1	Blower, HVAC	
10	400200125	1	Weldment, Blower Mount HVAC	
11	400200123	1	Weldment, Main Housing HVAC	
12	400200120	5	Screw, PH M4 x 0.70 x 12 Phillips HVAC	
13	400200116	21	Bolt, HHCS M6 x 1.0 x 12 HVAC	
14	400200117	2	Nut, Hex Flange M6 x 1.0 HVAC	
15	400000898	4	Reducer, Condensate HVAC	
16	400000897	8	Clamp, Spring Drain Hose HVAC	
17	400000896	4	Hose, Drain HVAC	1 ft
	K65000190		Kit, Cab Filters	
	400000810		Assembly, HVAC	Complete Assembly



Item	Part Number	Qty	Description	Comments
1	40020122	1	Weldment, Bracket, Coil Mount HVAC	
2	400200106	1	Coil, HVAC	
3	400200105	3	Relay, 12 Volt with Bracket and Resistor HVAC	
4	400200113	1	Valve, Block TXV, R134a HVAC	
5	400200126	1	Weldment, TXV Mount HVAC	
6	400200114	1	Switch, Thermostat HVAC	
7	400200110	1	Diode, Isolator, Sleeper Fan HVAC	
8	400200123	1	Weldment, Main Housing HVAC	
9	400200109	5	Adapter, Flex hose 4" HVAC	
10A	400200130	1	Foam Panel, Side #1 HVAC	
10B	400200129	1	Foam Panel, Side #2 HVAC	
10C	400200128	1	Foam Panel, 1.00 x 5.00 x 25.00 HVAC	
10D	400200127	1	Foam Panel, Drain Pan HVAC	
10E	400200132	1	Foam Panel, Cover HVAC	
11	400200131	1	Foam Panel, Bottom HVAC	
12	400200107	2	Grommet, Rubber HVAC	
13	400200111	1	Decal, " Notice, R134A Refrigerant Only" HVAC	
14	400200116	21	Bolt, HHCS M6 x 1.0 x 12 HVAC	
15	400200118	6	Nut, Hex, Flange M05 x 0.80 HVAC	
16	400200121	2	Nut, Hex, Keps M6 x 1.0 HVAC	
17	400200119	2	Bolt, HHCS M6 x 1.0 x 35 HVAC	

Cab Mounting and Hood Structure

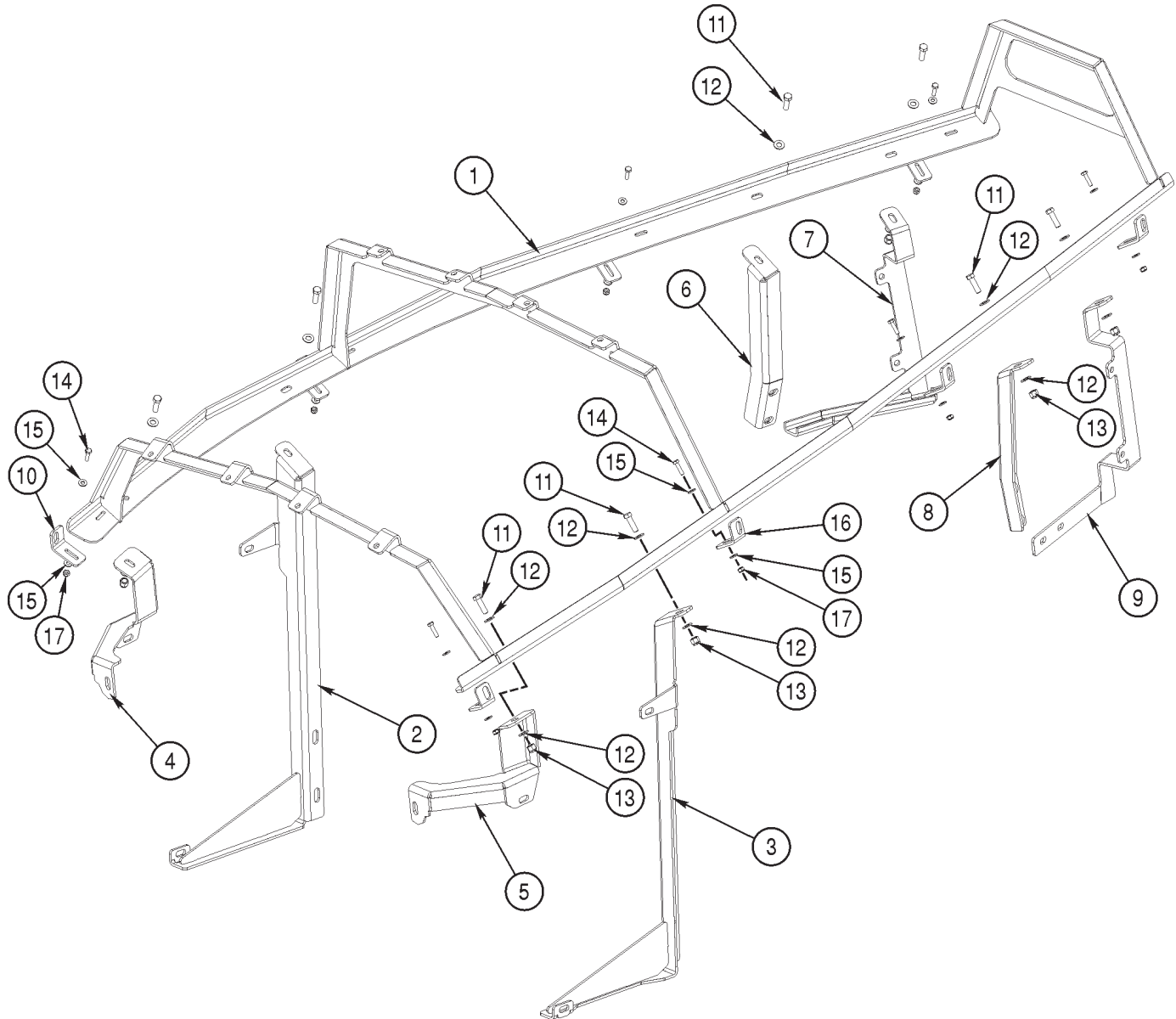
All Models



Item	Part Number	Qty	Description	Comments
1	902201109	4	Bolt, HHCS 7/16-14 x 5"	
2	902002050	2	Washer, Fender 1/2 x 2" ZP ID 17/32" OD 2"	
3	420000152	1	Hood, Substructure, Front Upper	
4	201200147	2	Bushing, Radiator Support	
5	900002865	2	Bolt, HHCS 3/8-16 x 3 G5 ZP	
6	902003200	4	Washer, Flat 3/8"	
7	420000153	1	Hood, Substructure, Front Lower	
8	901003020	2	Nut, Nylock 3/8-16	
9	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
10	902003055	4	Washer, Flat 1/2"	
11	901003049	4	Nut, Nylock 1/2-13	
12	902002050	2	Washer, Fender 1/2 x 2" ZP ID 17/32" OD 2"	
13	902201108	4	Nut, Nylock 7/16-14	
14	901003020	4	Nut, Nylock 3/8-16	
15	902003045	8	Washer, Flat 3/8" ZP	
16	900002865	4	Bolt, HHCS 3/8-16 x 3 G5 ZP	
17	900004386	4	Washer, Flat 1-8	
18	900004387	4	Washer, Lock 1-8	
19	900004385	4	Bolt, HHCS 1-8 x 6 G5 ZP	
20	900003665	8	Bolt, HHCS 5/8-11 x 1 1/2 G5 ZP	
21	901003060	8	Nut, Nylock 5/8-11 ZP	
22	490002645	4	Isolator, Cab	
23	400000800	1	Cab Assembly	
24	901003020	2	Nut, Nylock 3/8-16	
25	902003045	4	Washer, Flat 3/8" ZP	
26	900002835	2	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
27	420000160	1	Hood, Substructure Top	

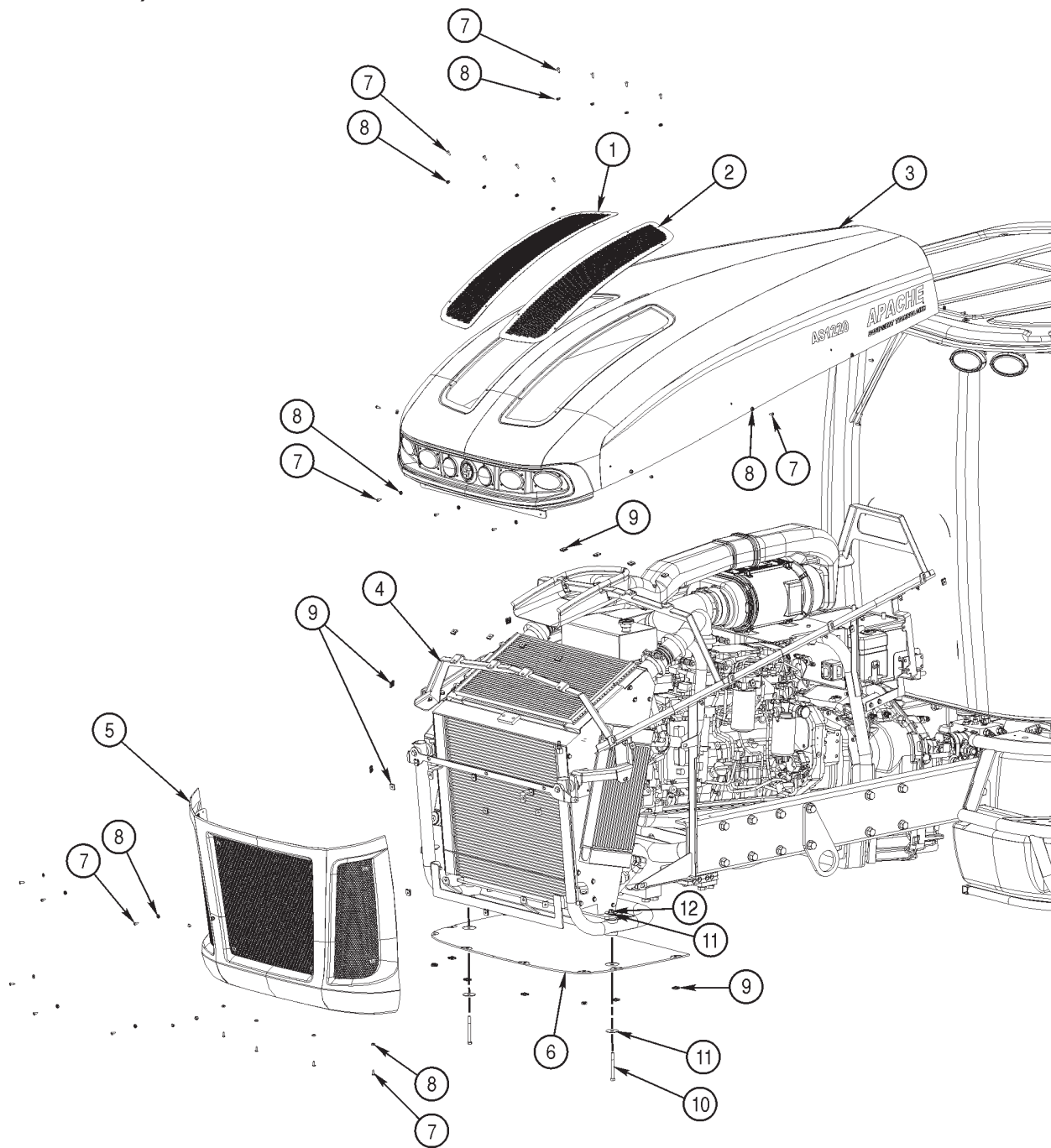
Hood

All Models



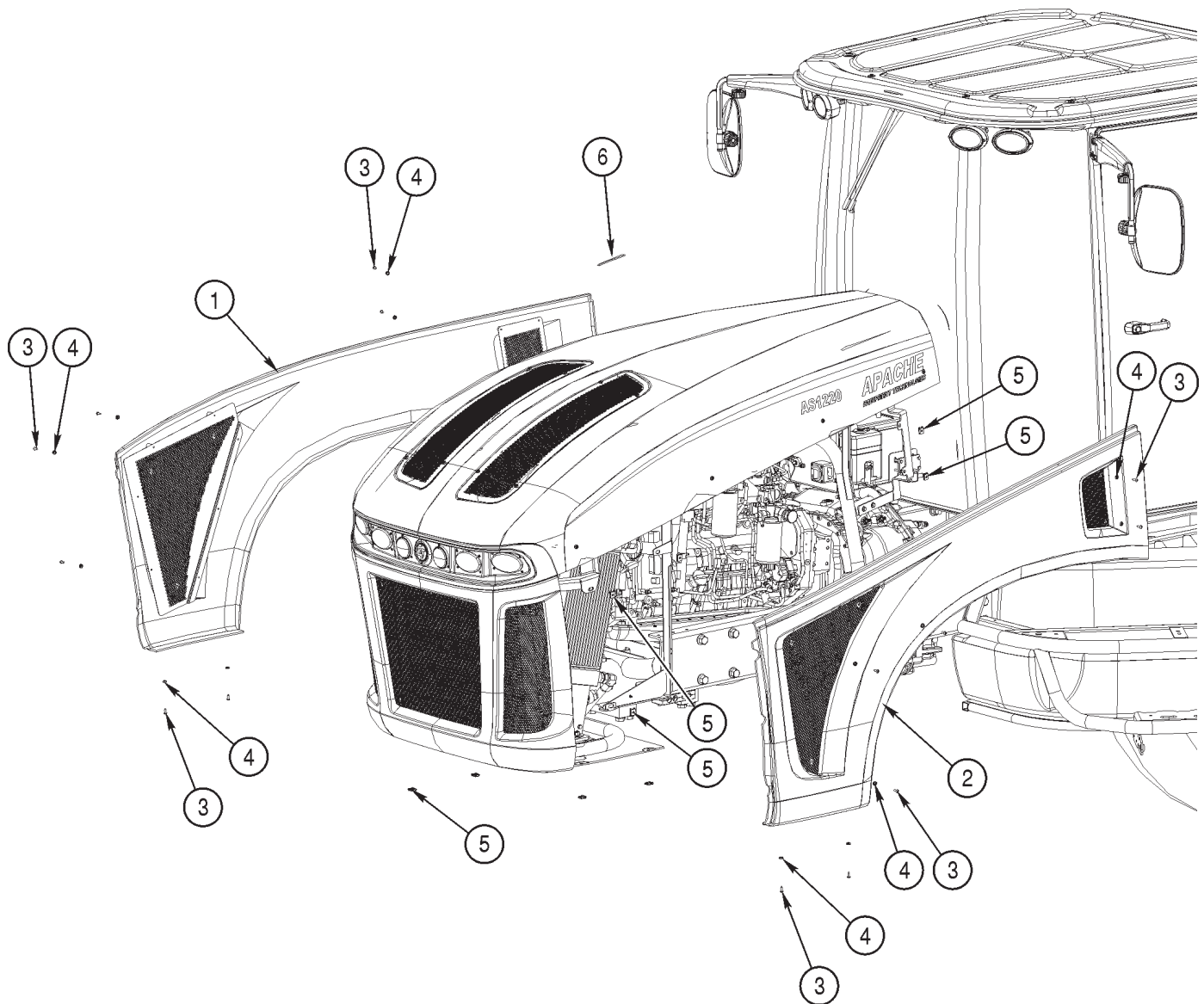
Item	Part Number	Qty	Description	Comments
1	420000160	1	Hood Substructure, Top	
2	420000170	1	Hood Substructure Riser, Right Front	
3	420000171	1	Hood Substructure Riser, Left Front	
4	420000173	1	Hood Substructure Radiator Support, Right	
5	420000174	1	Hood Substructure Radiator Support, Left	
6	420000168	1	Hood Substructure Riser, Right Rear	
7	420000158	1	Hood Substructure Side, Rear Right	
8	420000169	1	Hood Substructure Riser, Left Rear	
9	420000159	1	Hood Substructure Side, Rear Left	
10	420000172	2	Hood, Substructure Bracket, Top Front	
11	900003245	8	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
12	902003210	16	Washer, Flat 1/2 G5 ZP	
13	901003040	8	Nut, Nylock 1/2-13 ZP	
14	900002405	8	Bolt, HHCS 1/4-20 x 1 G5 ZP	
15	902003035	16	Washer, Flat 1/4 ZP	
16	420000162	6	Hood, Substructure Bracket, Top Middle	
17	901003000	8	Nut, Nylock 1/4-20 ZP	

All Models (Top, Front and Bottom Panels)



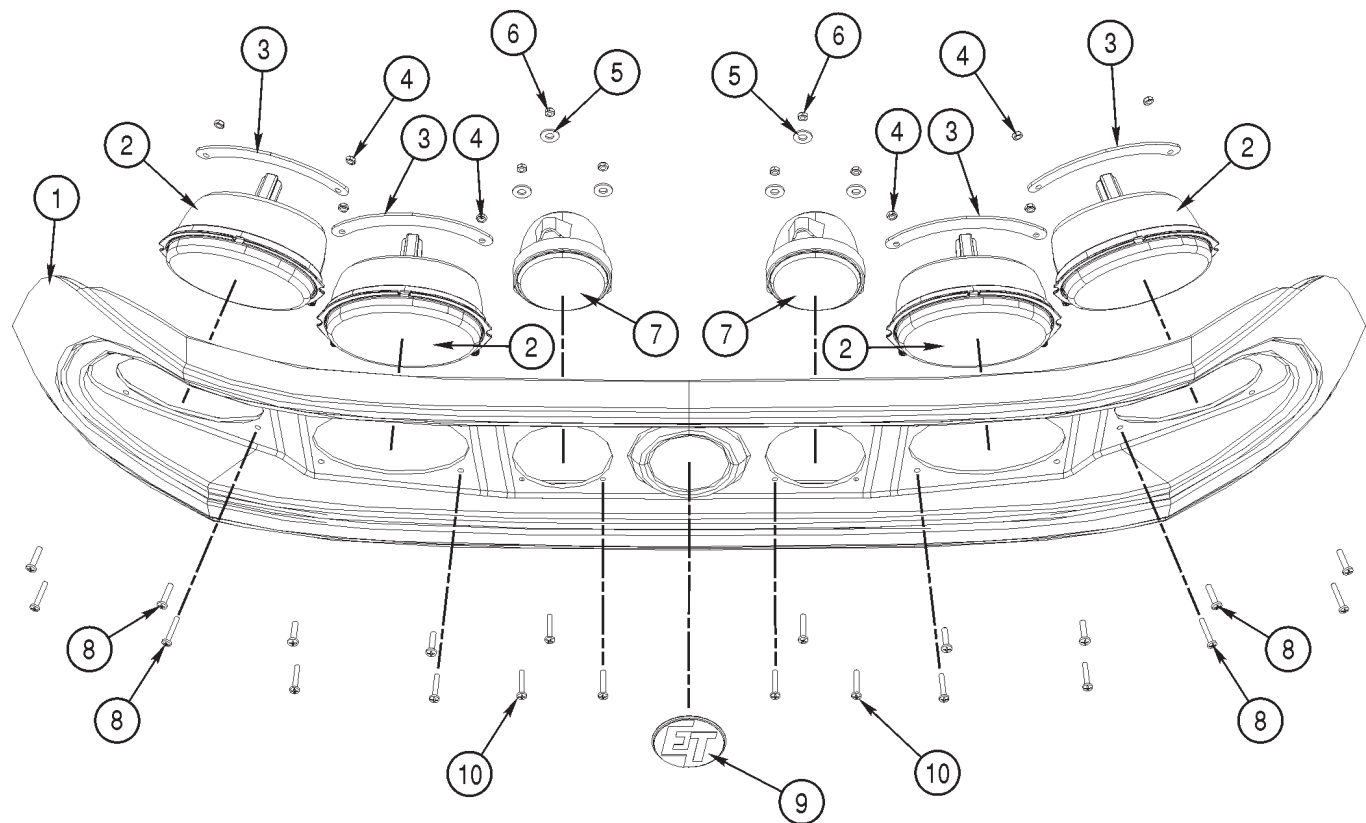
Item	Part Number	Qty	Description	Comments
1	420000146	1	Hood Grill, Top Right	
2	420000147	1	Hood Grill, Top Left	
3	420000130	1	Hood, Top with Bezel	
4	420000160	1	Hood Substructure, Top	
5	420000133	1	Hood, Front	Without Grills
6	420000134	1	Hood, Bottom	
7	915001309	A/R	Screw, #14 x 1" Pan Head Truss Salt Bath	Used on hood and side panels
8	902351001	A/R	Washer, Black Cup	Used on hood and side panels
9	901003118	A/R	U-Nut, # 14	Used on hood and side panels
10	902201109	2	Bolt, HHCS 7/16-14 x 5"	
11	902002050	4	Washer, Fender 1/2 x 2" ZP ID 17/32" OD 2"	
12	902201108	4	Nut, Nylock 7/16-14	

All Models (Side Panels)



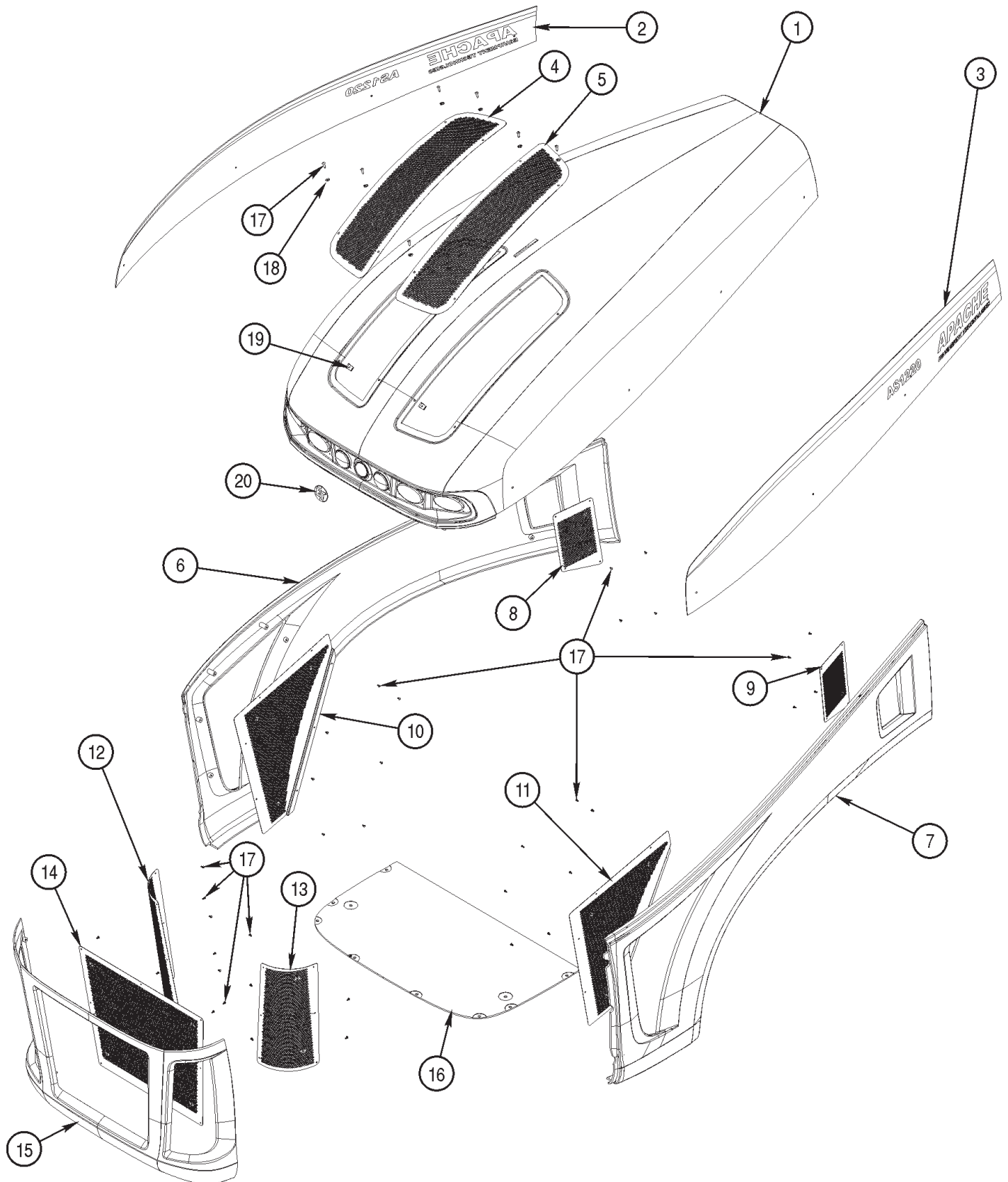
Item	Part Number	Qty	Description	Comments
1	420000132	1	Hood, Right	
2	420000131	1	Hood, Left	
3	915001309	A/R	Screw, #14 x 1" Pan Head Truss Salt Bath	Used on hood and side panels
4	902351001	A/R	Washer, Black Cup	Used on hood and side panels
5	901003118	A/R	U-Nut, # 14	Used on hood and side panels
6	420000196	1	Hood Ornament (2011) 0.5" x 5"	

All Models (Headlights)



Item	Part Number	Qty	Description	Comments
1	NSS		Comes with Hood Part # 420000130	
2	400200097	4	Work Lamp, Oval 100 SB Long Range	
3	420000167	4	Bracket, Light support	
4	901002899	8	Nut, Nylock 10-24 ZP	
5	902003035	4	Washer, Flat 1/4 ZP	
6	903302606	5	Nut, Nylock 8-32 ZP	
7	400200095	2	Work Lamp, 70 mm, H3, Long Range	
8	900002438	16	Screw, 10-24 x 3/4" Phillips, PH Black Oxide	
9	420306046	1	Decal, "ET" Medallion, Hood	
10	903302608	6	Screw, 8-32 x 1" Phillips, PH Black Oxide	

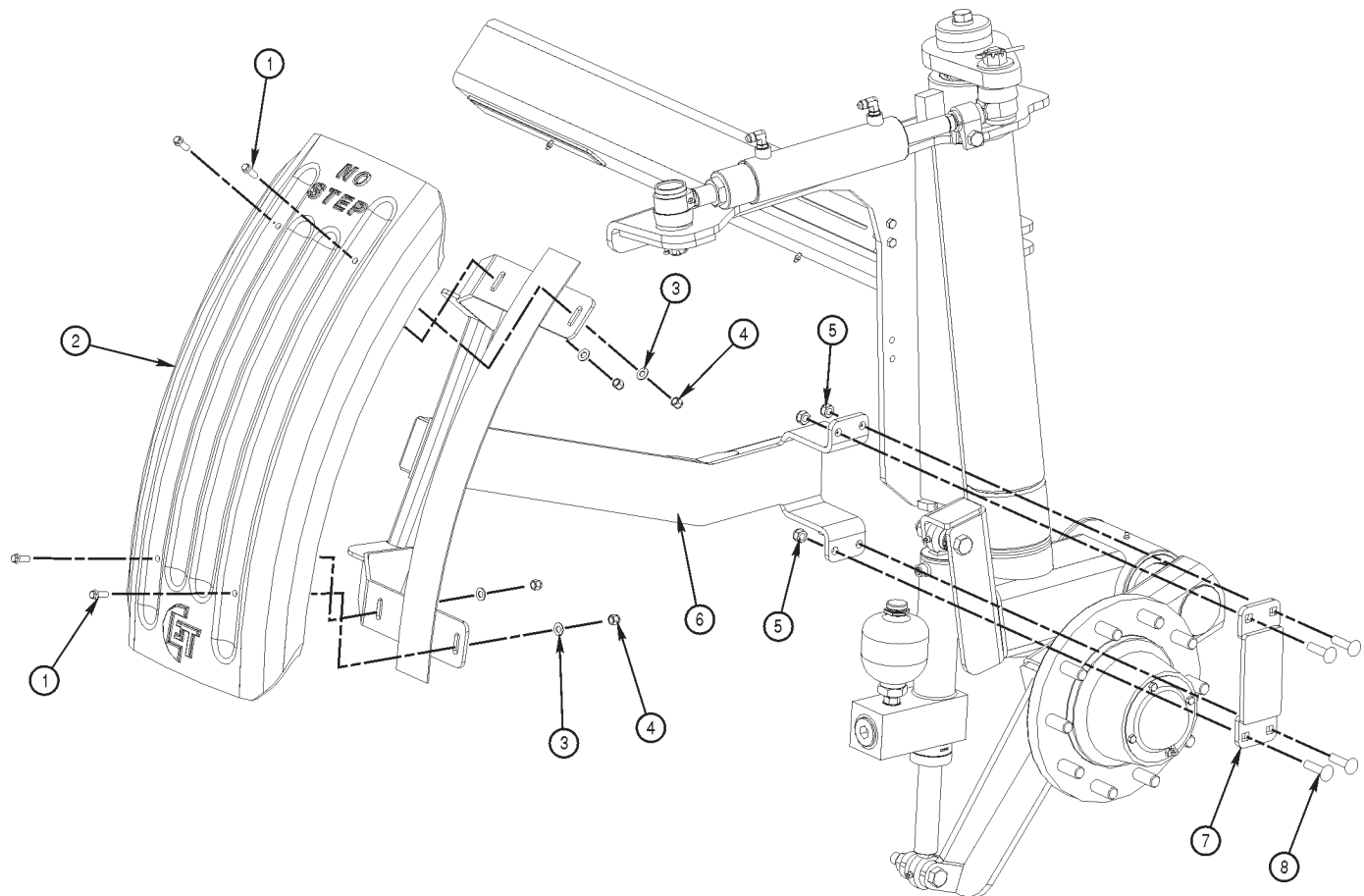
All Models (Grills and Decals)



Item	Part Number	Qty	Description	Comments
1	420000130	1	Hood, Top with Bezel	
2A	420306040	1	Decal, Hood Main R/H 720	
2B	420306042	1	Decal, Hood Main R/H 1020	
2C	420306044	1	Decal, Hood Main R/H 1220	
3A	420306041	1	Decal, Hood Main L/H 720	
3B	420306043	1	Decal, Hood Main L/H 1020	
3C	420306045	1	Decal, Hood Main L/H 1220	
4	420000146	1	Hood Grill, Top Right	
5	420000147	1	Hood Grill, Top Left	
6	420000132	1	Hood, Right	
7	420000131	1	Hood, Left	
8	420000143	1	Hood Grill, Side Right Rear	
9	420000145	1	Hood Grill, Side Left Rear	
10	420000142	1	Hood Grill, Side Right Front	
11	420000144	1	Hood Grill, Side Left front	
12	420000141	1	Hood Grill, Front Right	
13	420000140	1	Hood Grill, Front Left	
14	420000139	1	Hood Grill, Front Center	
15	420000133	1	Hood, Front	
16	420000134	1	Hood, Bottom	
17	915001309	A/R	Screw, #14 x 1" Pan Head Truss Salt Bath	Used on hood and side panels
18	902351001	A/R	Washer, Black Cup	Used on hood and side panels
19	901003118	A/R	U-Nut, # 14	Used on hood and side panels
20	420306046	1	Decal, "ET" Medallion, Hood	
	420306048	1	Decal Set, Warning Inside (2011)	
	420306049	1	Decal Set, Warning Outside (2011)	

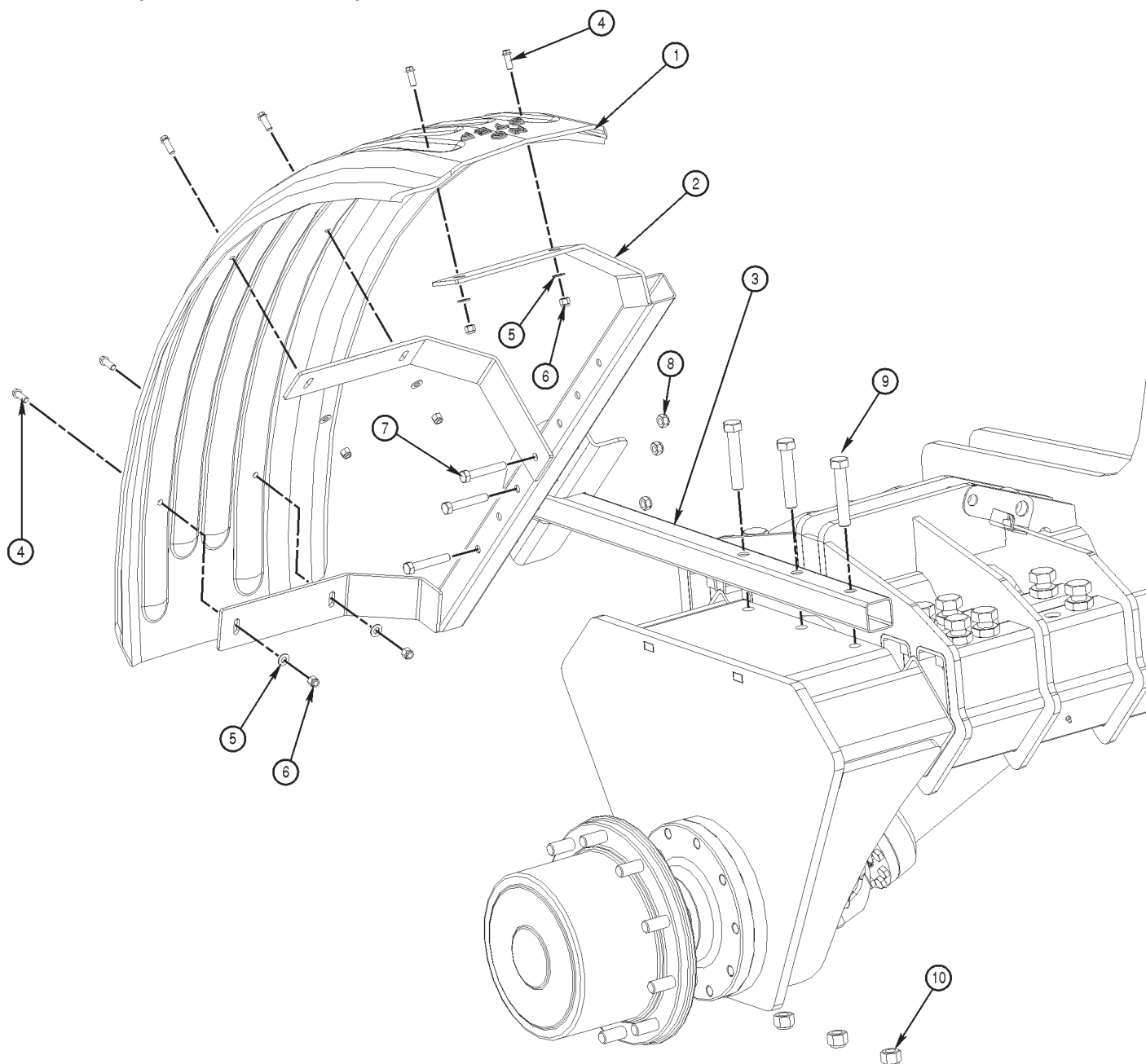
Fenders

All Models (Front)



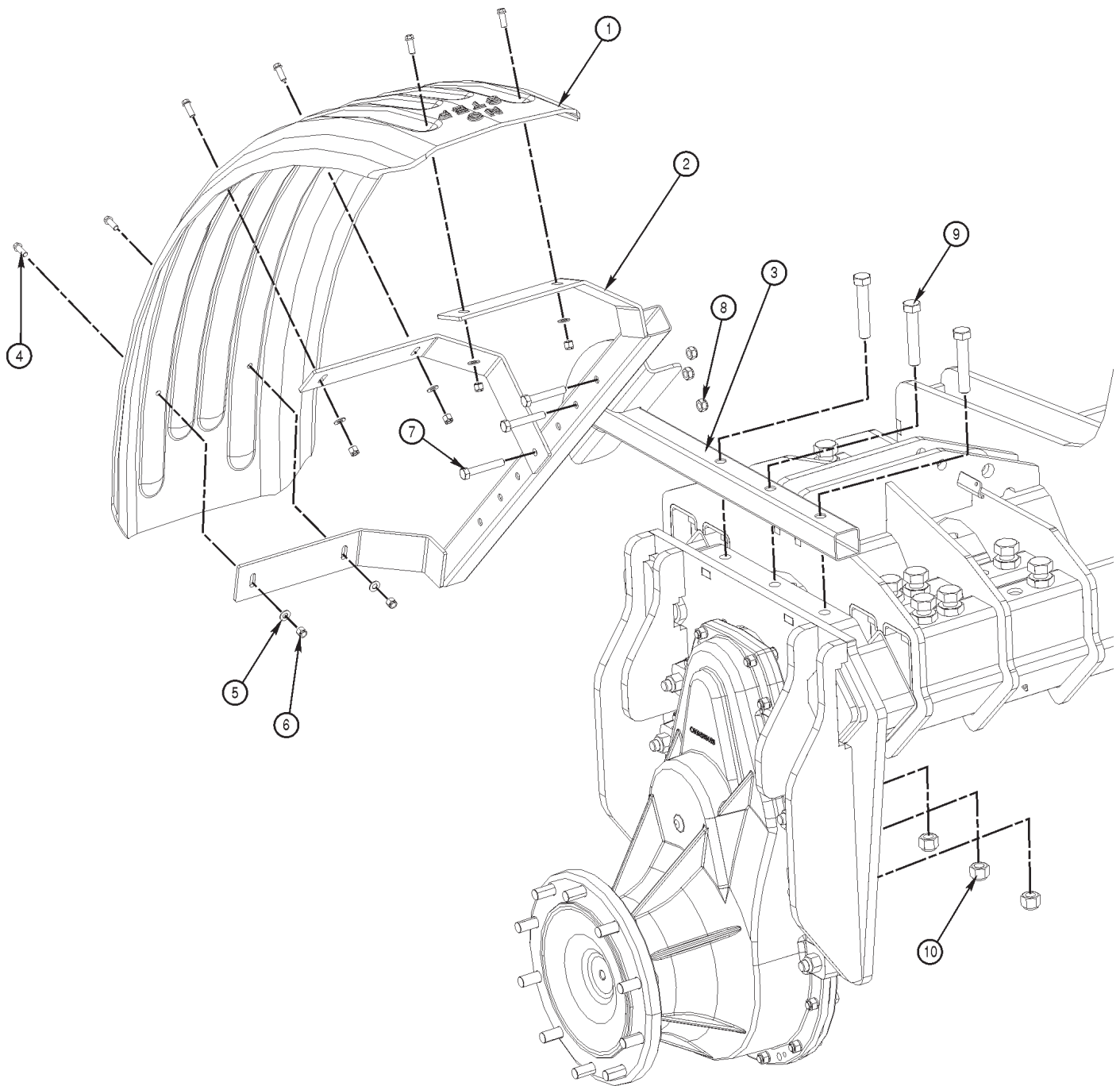
Item	Part Number	Qty	Description	Comments
1	900106537	8	Bolt, 3/8-16 x 1" Flanged Head Black SB	
2	500200001	2	Fender, Plastic 38" Tire	
3	902003045	8	Washer, Flat 3/8" ZP	
4	901003020	8	Nut, Nylock 3/8" - 16	
5	901003040	8	Nut, Nylock 1/2" - 13	
6A	500200030	1	Bracket, Fender Front Right	
6B	500200031	1	Bracket, Fender Front Left	
7	500200021	2	Fender, Bolt plate weldment	
8	900106536	8	Bolt, Carriage 1/2-13 x 2"	
	K65000202		Kit, Front Fenders 42" and 50" CC	

All Models (Rear with 42" CC)



Item	Part Number	Qty	Description	Comments
1	500200002	2	Fender, Plastic 46" Rear	
2	500200039	2	Fender, Rear Plastic Support	
3A	500200037	1	Fender, Rear Male Attach, Right 42" CC	
3B	500200038	1	Fender, Rear Male Attach, Left 42" CC	Not Shown
4	900106537	12	Bolt, 3/8-16 x 1" Flanged Head Black SB	
5	902003045	12	Washer, Flat 3/8" ZP	
6	901003020	12	Nut, Nylock 3/8" - 16	
7	900003280	6	Bolt, HHCS 1/2-13 x 3 1/4 G5 ZP	
8	901003040	6	Nut, Nylock 1/2-13 ZP	
9	900006655	6	Bolt, HHCS 3/4-16 x 4 G5 ZP	
10	901003075	6	Nut, Nylock 3/4-16 ZP	
	K65000203		Kit, Rear Fender 42" CC	

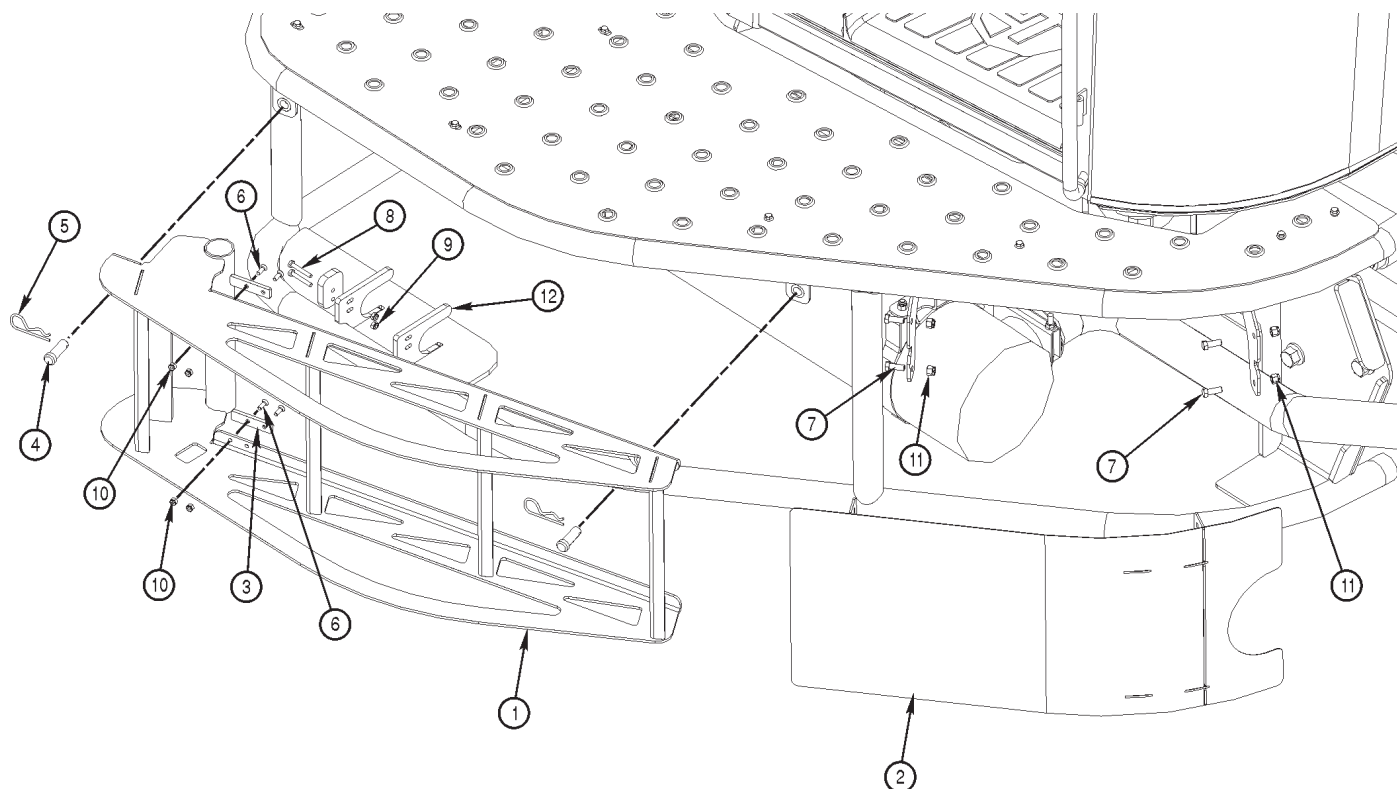
All Models (Rear with 50" CC)



Item	Part Number	Qty	Description	Comments
1	500200002	2	Fender, Plastic 46" Rear	
2	500200039	2	Fender, Rear Plastic Support	
3A	500200035	1	Fender, Rear Male Attach, Right 50" CC	
3B	500200036	1	Fender, Rear Male Attach, Left 50" CC	
4	900106537	12	Bolt, 3/8-16 x 1" Flanged Head Black SB	
5	902003045	12	Washer, Flat 3/8" ZP	
6	901003020	12	Nut, Nylock 3/8" - 16	
7	900003280	6	Bolt, HHCS 1/2-13 x 3 1/4 G5 ZP	
8	901003040	6	Nut, Nylock 1/2-13 ZP	
9	900006655	6	Bolt, HHCS 3/4-16 x 4 G5 ZP	
10	901003075	6	Nut, Nylock 3/4-16 ZP	
	K65000204		Kit, Rear Fender 50" CC	

Utility Ladder (Right Side)

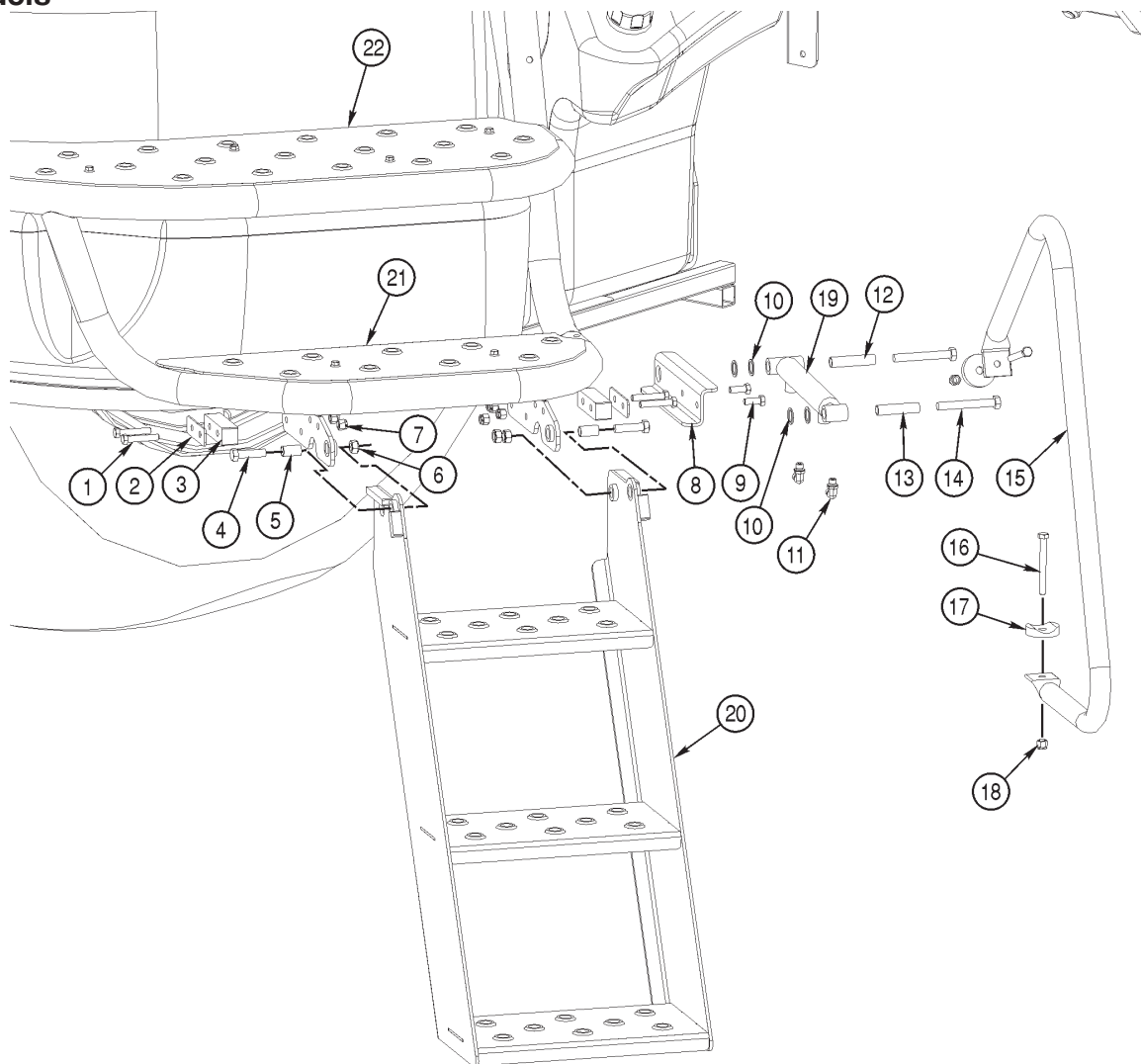
All Models



Item	Part Number	Qty	Description	Comments
1	420000047	1	Ladder, Utility	
2	420000065	1	Heat Shield, Utility Platform	
3	490000049	2	UHMW, Flat, Utility Ladder Rest	
4	420000054	2	Pin, Clevis 5/8" x 1.5"	
5	420000059	2	Pin, Hitch Clip 1/8" x 2-9/16	
6	900000020	4	Screw, 1/4-20 x 3/4 PH Flat HD Machine	
7	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
8	900000611	2	Bolt, HHCS 5/16-18 x 1 1/2 G5 ZP	
9	901003010	2	Nut, Nylock 5/16-18 ZP	
10	901003000	4	Nut, Nylock 1/4-20 ZP	
11	901003020	4	Nut, Nylock 3/8-16	
12	100100664	1	UHMW, Flat, Utility Ladder Catch	

Entry Ladder (Left Side)

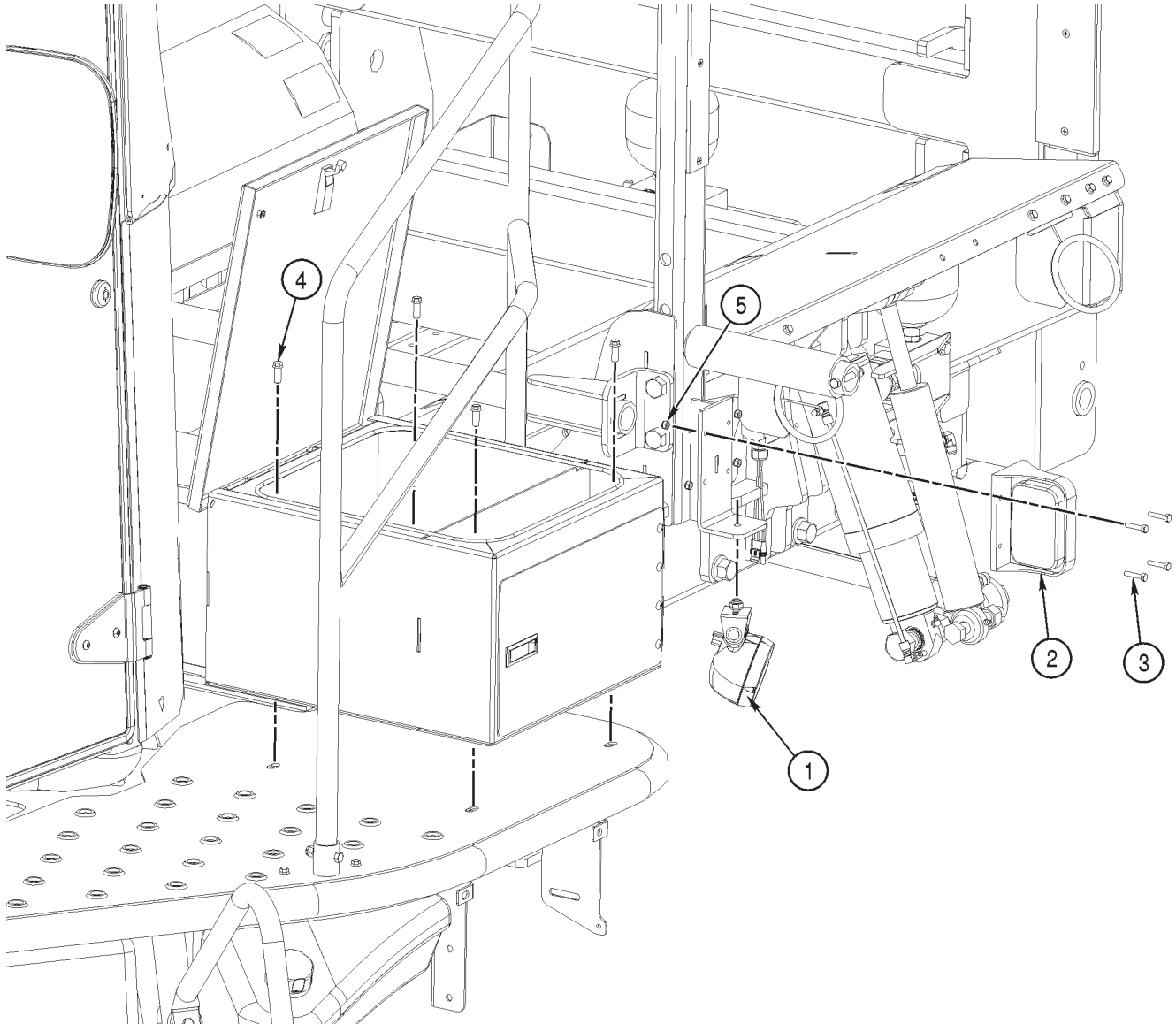
All Models



Item	Part Number	Qty	Description	Comments
1	900002845	4	Bolt, HHCS 3/8-16 x 2 G5 ZP	
2	420000053	2	Plate, Clamp, Ladder Stop	
3	420000052	2	UHMW, Flat, Ladder Stop	
4	900102332	2	Bolt, M12 x 1.75 x 45	
5	420000014	2	Bushing, 0.50 ID x 0.625 OD x 1.125	
6	901100466	2	Nut, M12 x 1.75 G10.9	
7	901003020	4	Nut, Nylock 3/8-16 ZP	
8	420000046	1	Bracket, Ladder Cylinder	
9	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
10	901000244	4	Washer, Ladder Shim	
11	800302240	2	Fitting, 4 ORM x 4 FLM 90	
12	420000016	1	Bushing, 0.50 ID x 0.625 OD x 2.75	
13	420000015	1	Bushing, 0.50 ID x 0.625 OD x 2.60	
14	900102331	2	Bolt, M12 x 1.75 x 90	
15	420000060	1	Handrail, Step	
16	900002865	2	Bolt, HHCS 3/8-16 x 3 G5 ZP	
17	201200147	2	Bushing, Radiator Support	
18	901003020	2	Nut, Nylock 3/8-16 ZP	
19	850000124	1	Cylinder, Entry Ladder Fold	
20	420000045	1	Ladder, Fold	
21	420000057	1	Treadplate, Step	
22	420000056	1	Treadplate, Mid- Platform	

Side Lights and Tool Box Mounting

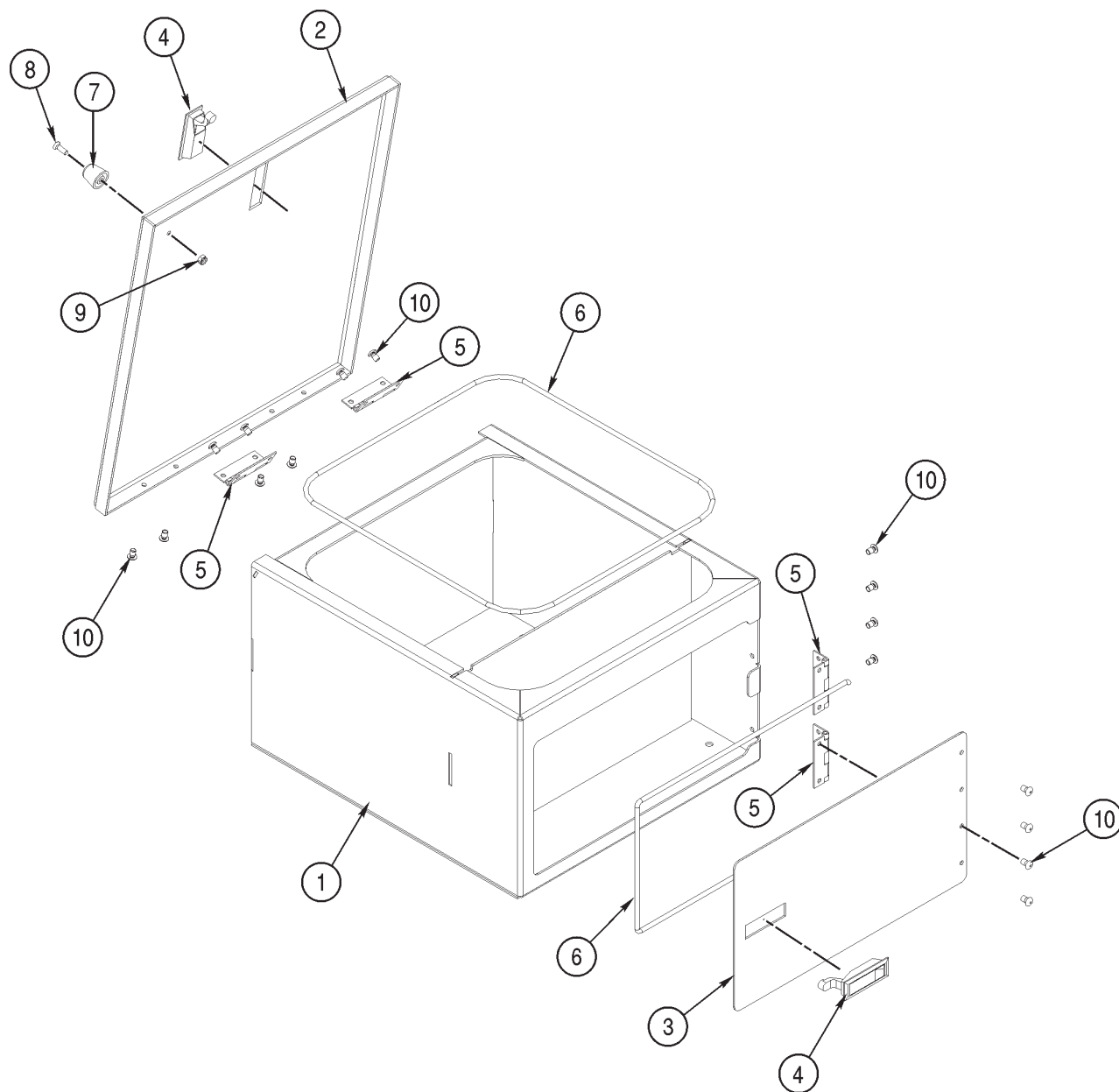
All Models



Item	Part Number	Qty	Description	Comments
1	400200098	2	Work Lamp, Oval	
2	710000010	2	LED Amber/Amber Ped Mnt Marker	
3	900002406	8	Bolt, HHCS 1/4-20 x 1 1/4" G5	
4	900106537	4	Bolt, 3/8-16 x 1" Flanged Head SB	
5	901003000	8	Nut, Nylock 1/4-20 ZP	

Tool Box

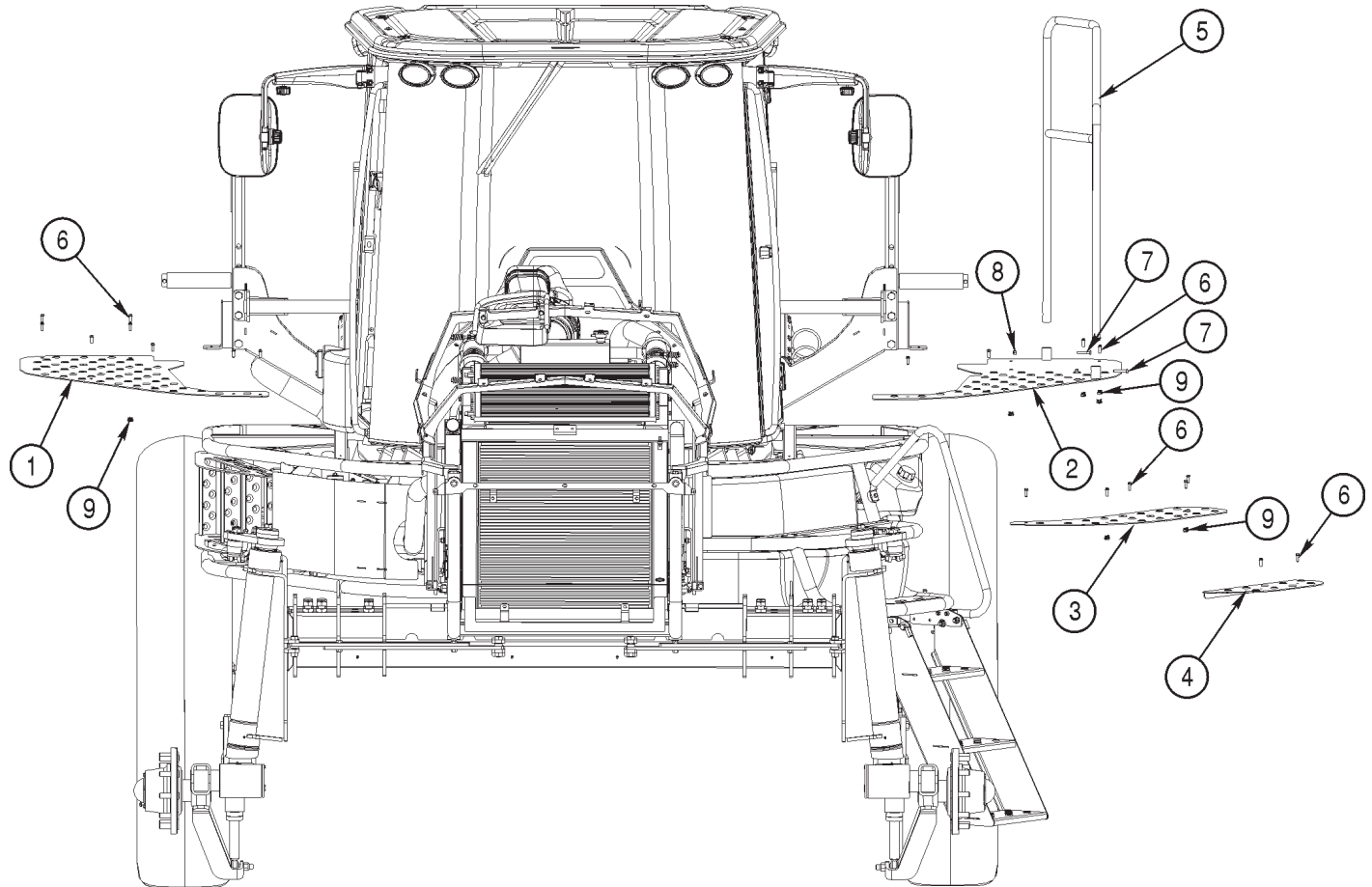
All Models



Item	Part Number	Qty	Description	Comments
1	420000070	1	Tool Box	
2	420000072	1	Door, Tool Box Top	
3	420000071	1	Door, Tool Box Side	
4	420000025	2	Latch, Toolbox Door	
5	420000024	4	Hinge, Toolbox Door	
6	420001400	A/R	Stripping, Weather-Air Dam	Sold by the foot
7	420000076	1	Bumper, Tool Box Top Door	
8	900000019	1	Screw, 1/4-20 x 1" PH Flat HD Machined	
9	901003000	1	Nut Nylock 1/4-20 ZP	
10	900000098	16	Rivet, Pop 1/4" Dia x 5/64-38	

Tread Plates

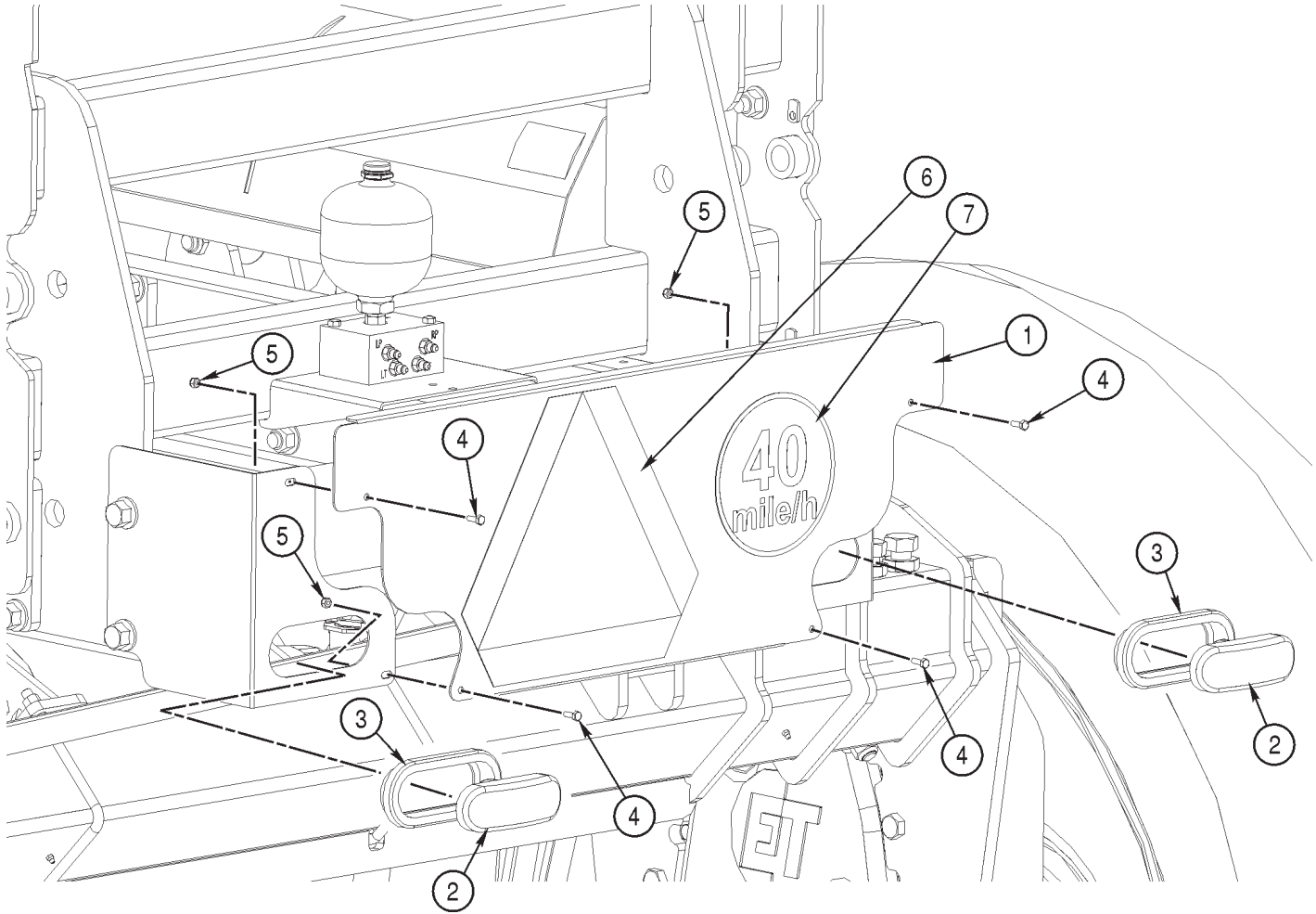
All Models



Item	Part Number	Qty	Description	Comments
1	420000058	1	Treadplate, Utility Platform	
2	420000055	1	Treadplate, Platform	
3	420000056	1	Treadplate, Mid Platform	
4	420000057	1	Treadplate, Step	
5	420000061	1	Handrail, Platform	
6	900106537	20	Bolt, 3/8-16 x 1" Flanged Head SB	
7	900002845	2	Bolt HHCS 3/8-16 x 2 G5 ZP	
8	901003020	2	Nut, Nylock 3/8-16	
9	900000099	20	Nut, Cage 3/8-16	

Rear Cover

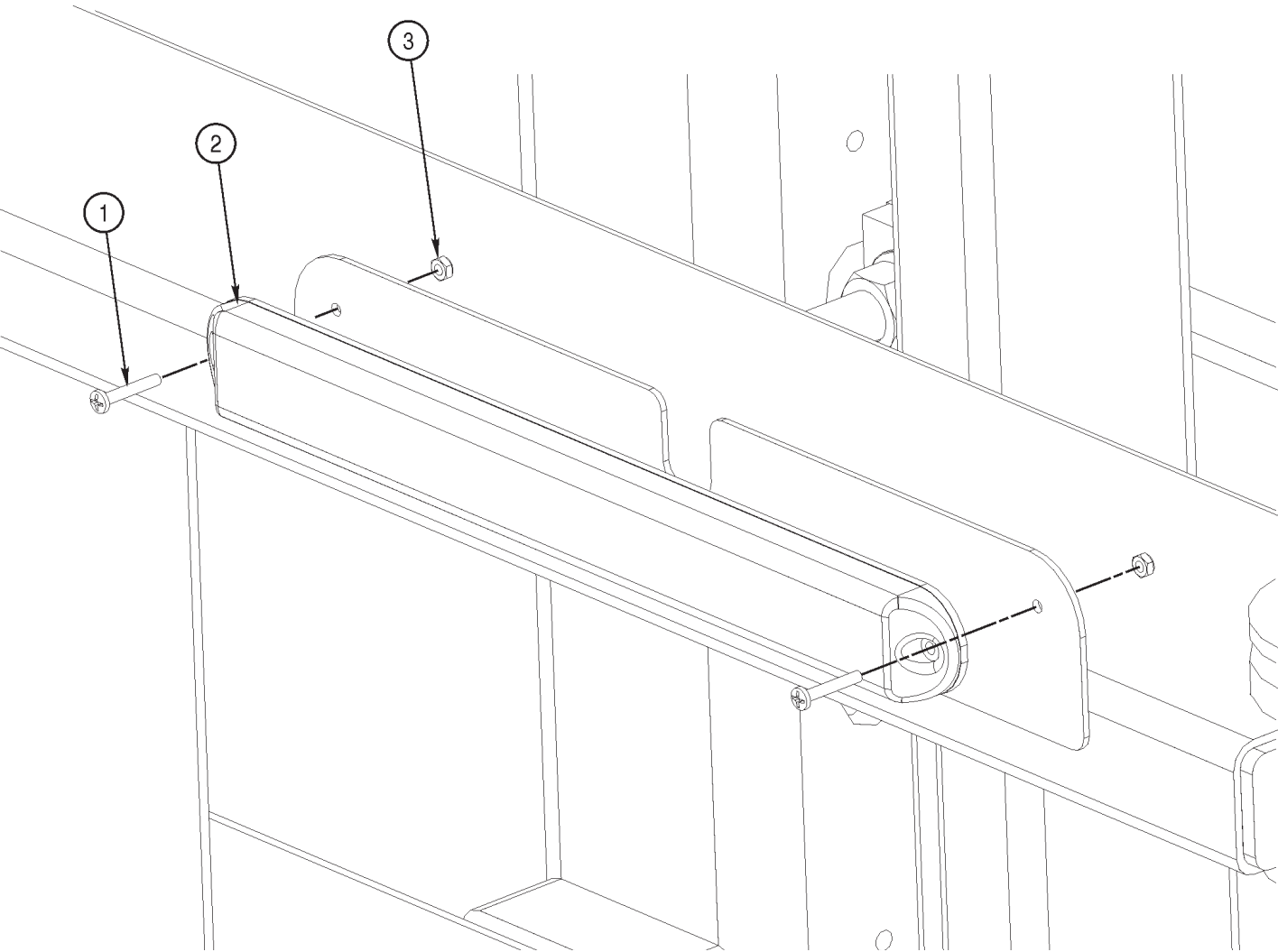
All Models



Item	Part Number	Qty	Description	Comments
1	100108006	1	Cover, Rear Frame Center	
2	710000202	2	Light, Tail and Stop Red LED	
3	710000203	2	Grommet, Tail Light	
4	900002600	4	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
5	901003010	4	Nut, Nylock 5/16-18 ZP	
6	420306022	1	Decal, Slow Moving Vehicle	
7A	420306023		Decal, SIS 35 mile/h	
7B	420306024	1	Decal, SIS 40 mile/h	
	420306048	1	Decal Set, Warning Inside	
	420306049	1	Decal Set, Warning Outside	

Boom Marker Lights

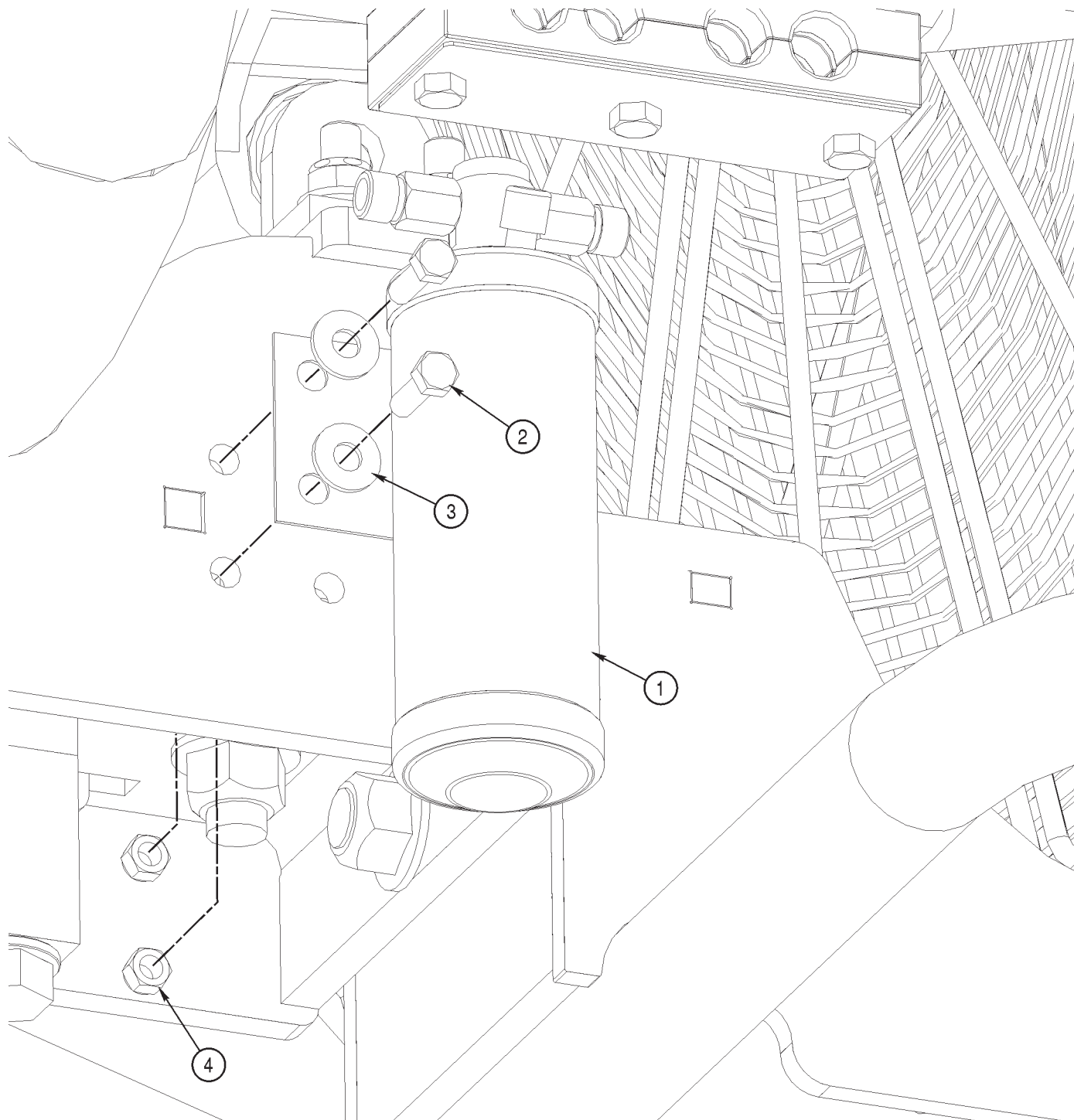
All Models



Item	Part Number	Qty	Description	Comments
1	903302604	4	Screw, 8-32 x 3/4 USS Buttonhead Socket	
2	710000005	2	Slim Line LED Marker Light	
3	903302605	4	Nut, 8-32 Keps Nut	

AC Dryer Mounting

All Models

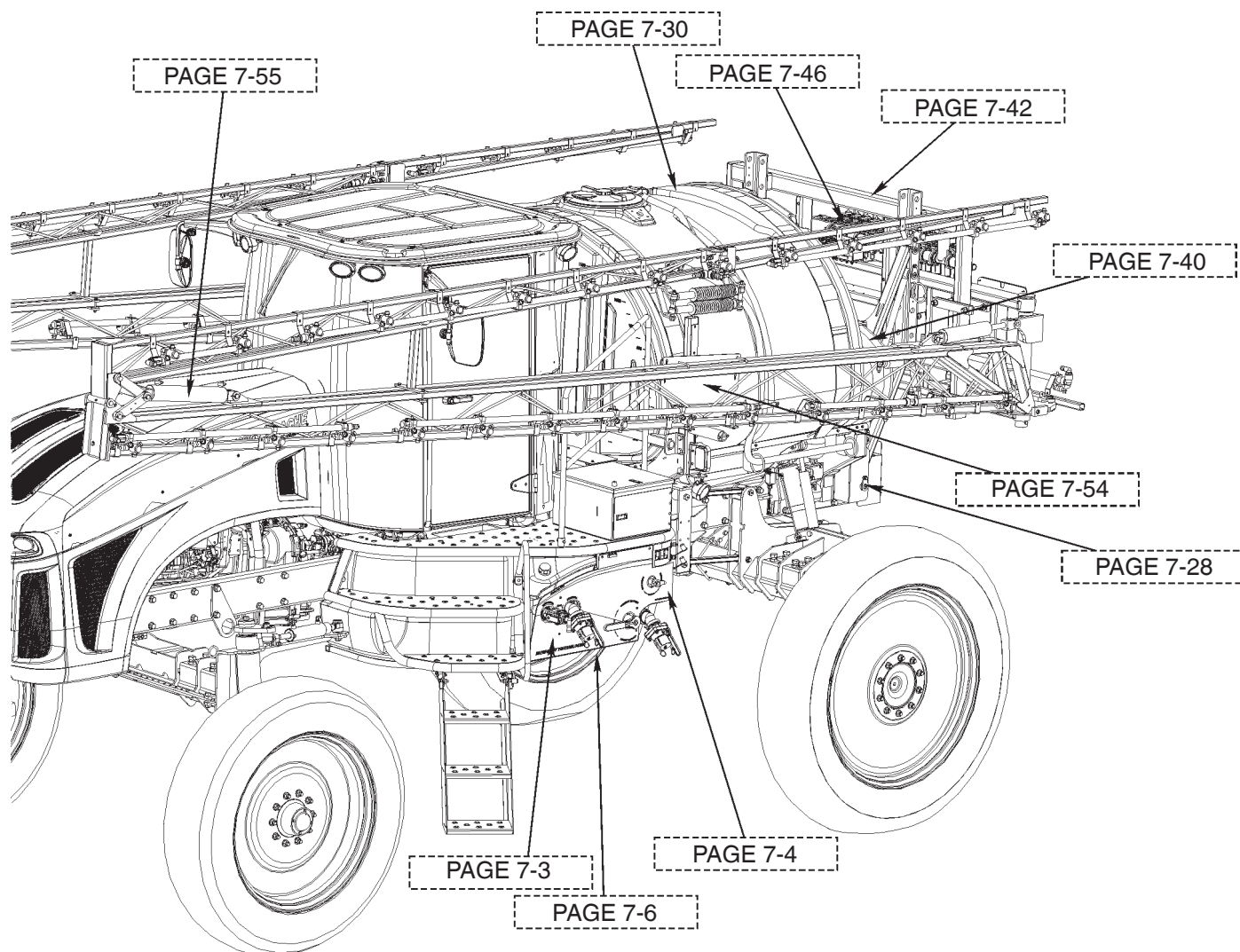


Item	Part Number	Qty	Description	Comments
1	420120500	1	Drier, A/C	
2	900002610	2	Bolt, HHCS 5/16-18 x 1 G5 ZP	
3	902003195	2	Washer, Flat 5/16 G5 ZP	
4	901003010	2	Nut, Nylock 5/16-18 ZP	

Wet System

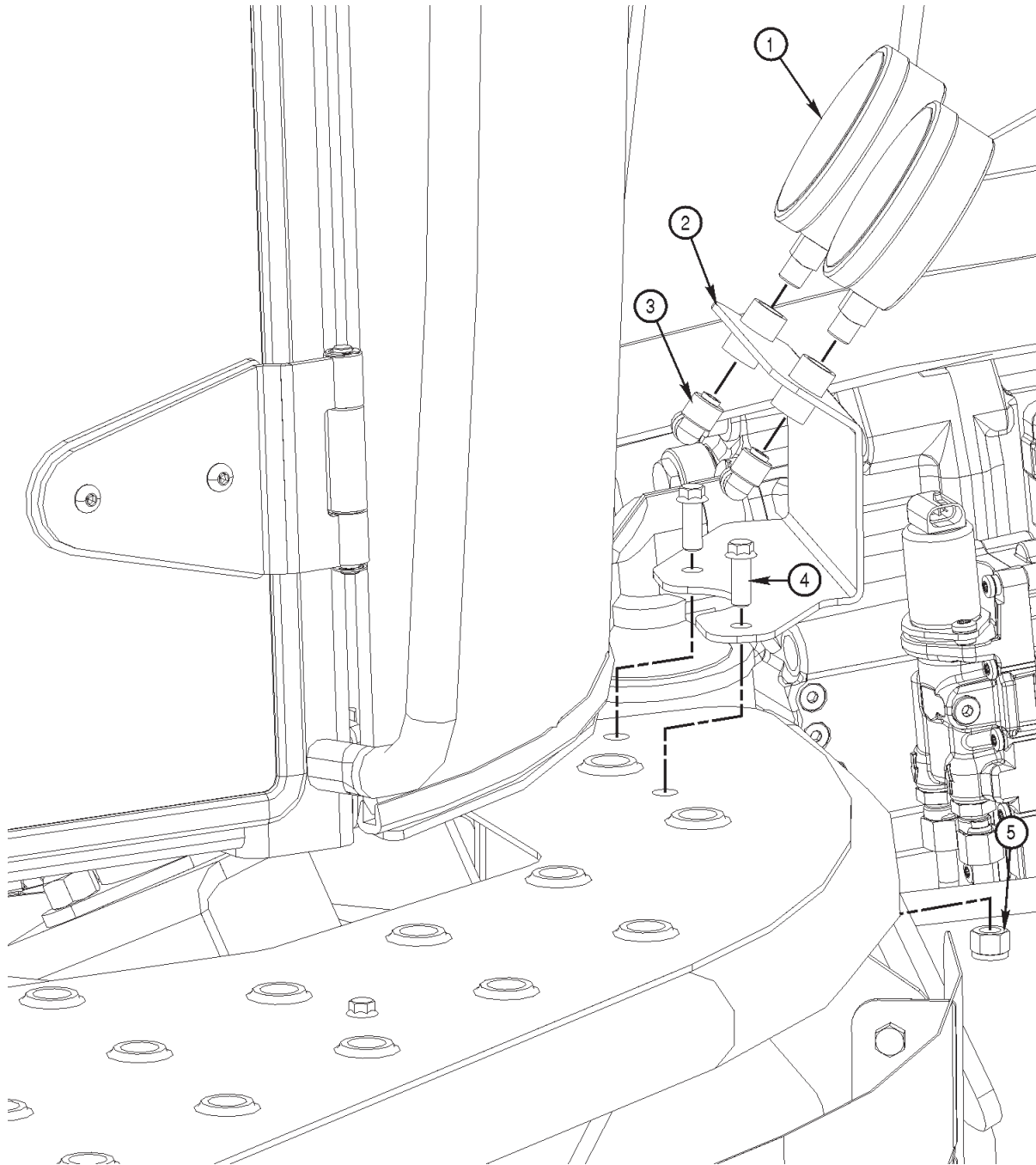
Section Overview

All Models



Pressure Gauges

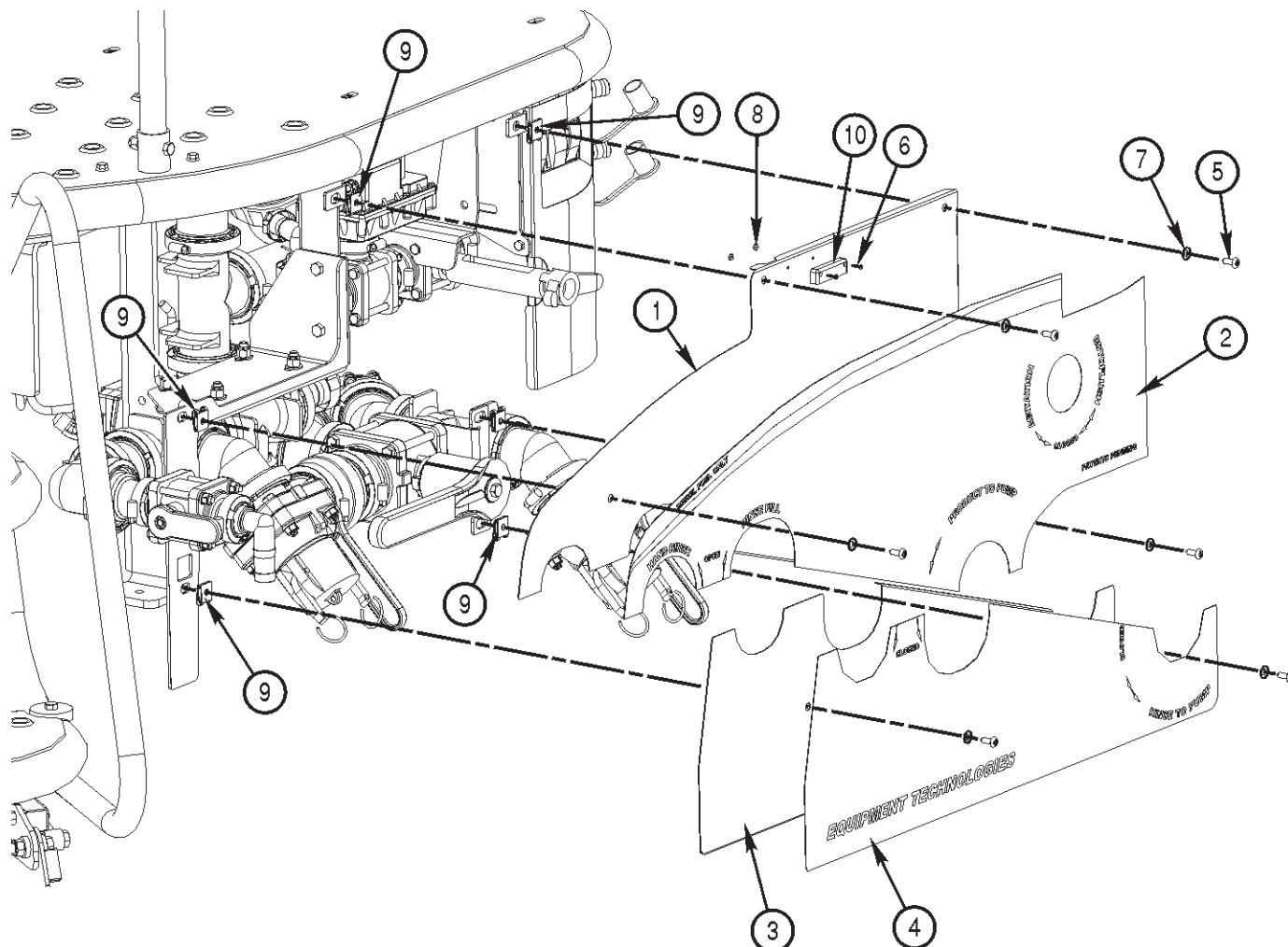
All Models



Item	Part Number	Qty	Description	Comments
1A	680000027	1	Gage 4" 0-160 PSI Boom Pressure	
1B	680000028	1	Gage 4" 0-160 PSI Boom Agitation	
2	690001305	1	Bracket, Dual Gauge	
3	640020010	2	Fitting, 1/4" Tube x 1/8" NPT 90	
4	900106537	2	Bolt, 3/8-16 x 1" Flanged Head	
5	901003020	2	Nut, Nylock 3/8-16 ZP	
	RM800150		Hose, Air Line, NT 10004BK	Used for Gauges

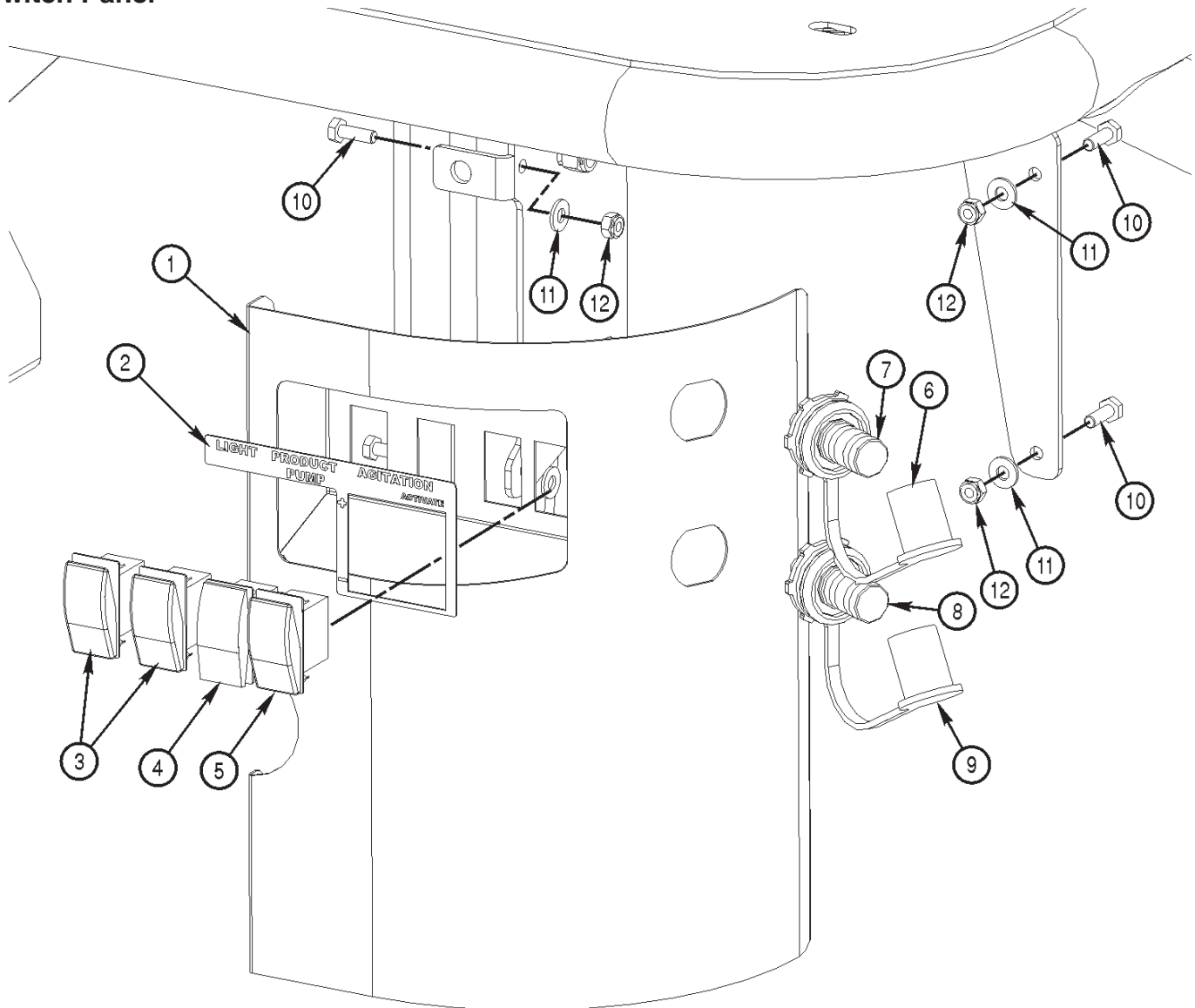
Fill Station

Cover Panels



Item	Part Number	Qty	Description	Comments
1	690000031	1	Panel, Fill Station, Upper	
2	420306060	1	Decal, Fill Station Upper	
3	690000032	1	Panel, Fill Station, Lower	
4	420306061	1	Decal, Fill Station Lower	
5	915001309	6	Screw, #14 x 1" Pan Head	
6	903005284	2	Screw, Phillips PH 6-32 x 3/4" Black	
7	902351001	6	Washer, Black Cup	
8	903302607	2	Nut, Nylock 6-32	
9	901003118	5	U-Nut, # 14	
10	710000204	1	Light, Fill Station 5 LED	

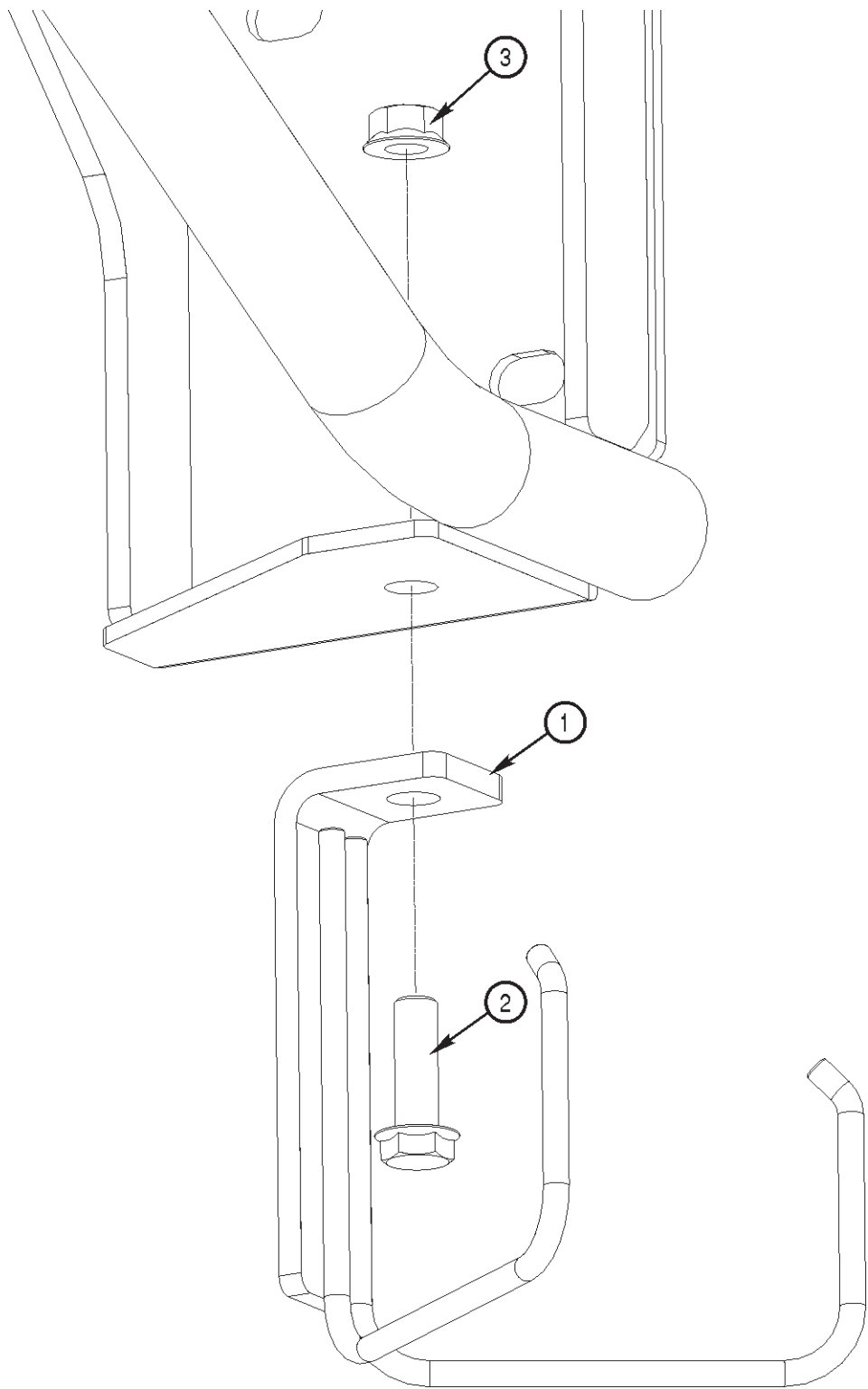
Switch Panel



Item	Part Number	Qty	Description	Comments
1	690000030	1	Panel, Fill Station, Switch	
2	420306062	1	Decal, Fill Station Switches	
3	700300066	2	Switch, Remote product Pump	
4	700300001	1	Switch, Agitation Fill Station Increase/Decrease	
5	700300000	1	Switch, Agitation Over-ride Fill Station	
6	720100013	1	Cap, Black External Battery Terminal	
7	720100009	1	Terminal, External Battery Negative	
8	720100008	1	Terminal, External Battery Positive	
9	720100012	1	Cap, Red External Battery Terminal	
10	900002395	3	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
11	902003035	3	Washer, Flat 1/4-20	
12	901003000	3	Nut, Nylock 1/4-20 ZP	
	720100020	1	Cable, Battery Positive	Not Shown
	720100021	1	Cable, +12V to Starter	Not Shown
	720100022	1	Cable, +12V to External Post	Not Shown
	720100023	1	Cable, Battery Negative	Not Shown
	720100024	1	Cable, Negative to External Post	Not Shown

Hose Hanger

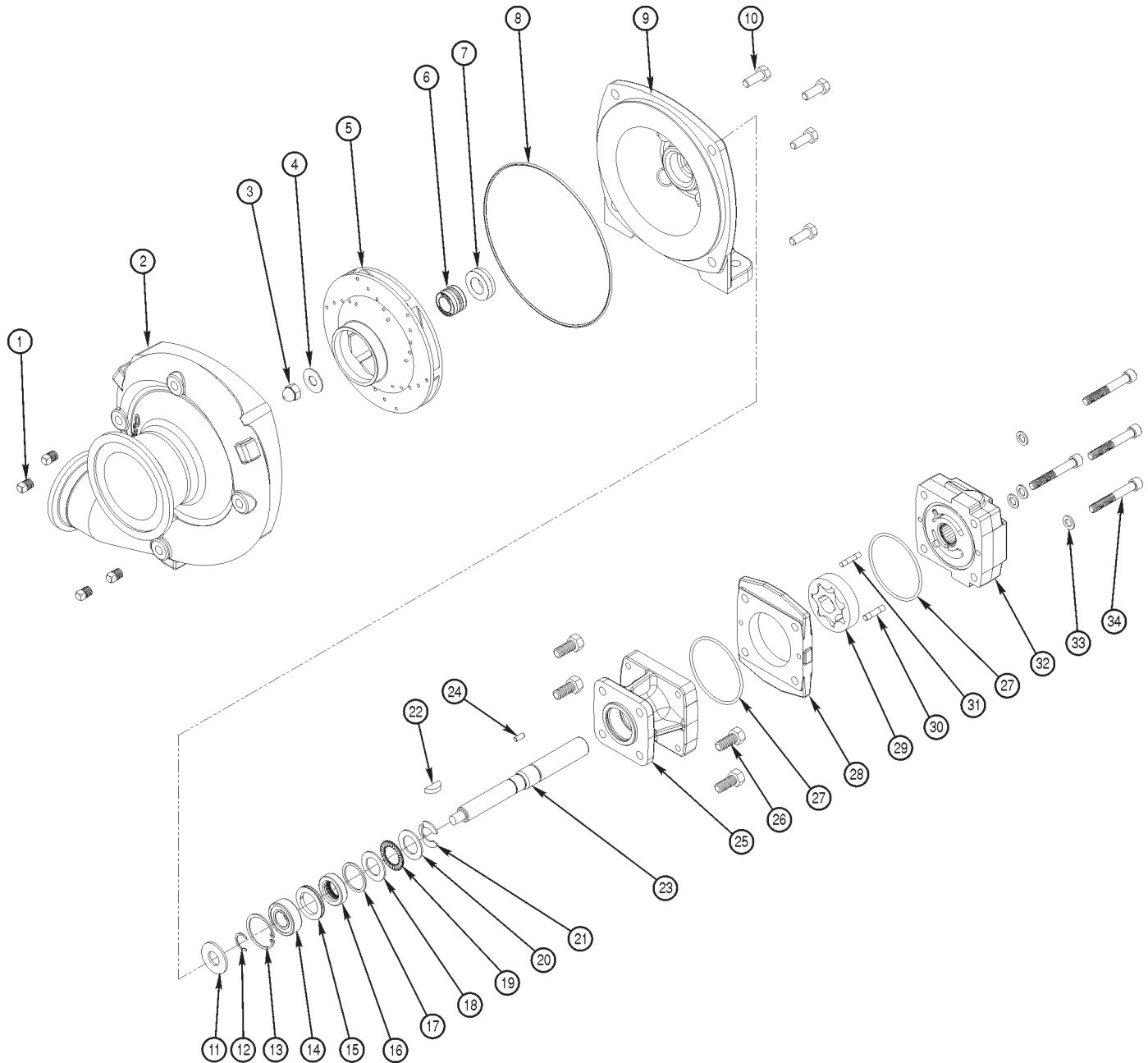
All Models



Item	Part Number	Qty	Description	Comments
1	690000305	1	Retainer, Product Hose Lower	
2	100100001	1	Bolt, Frame 5/8-11 x 2 Salt Bath	
3	100100004	1	Nut, 5/8-11 Salt Bath	

Product Pump

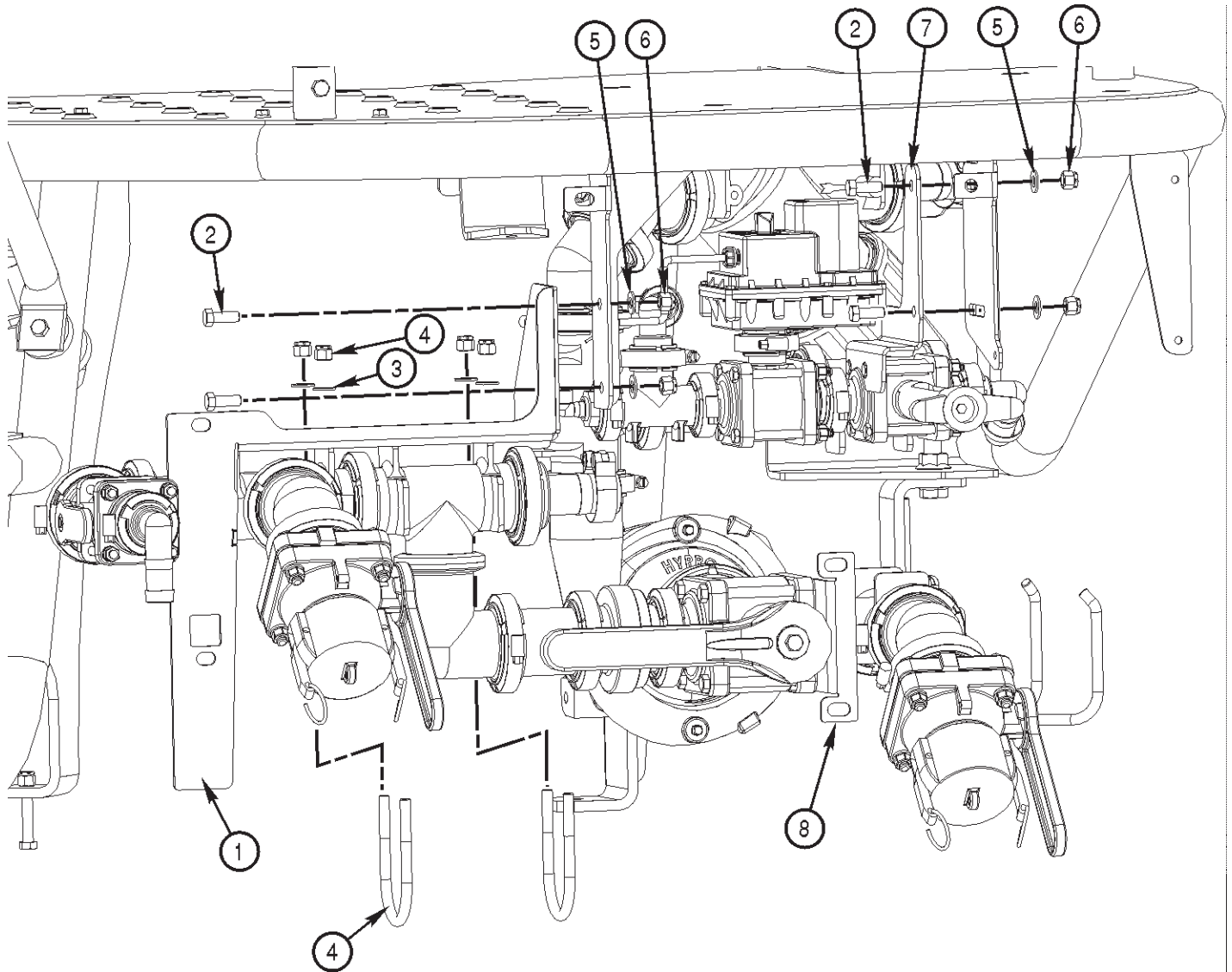
All Models, Standard and Quick-Fill Plumbing



Item	Part Number	Qty	Description	Comments
1	630000053	4	Drain/Vent Plug	
2	6300000504	1	Pump Casing Flanged	Includes stainless steel wear ring
3	6300000505	1	Nut, Impeller	
4	6300000506	1	Washer, Stainless Steel	
5	6300000507	1	Impeller, Nylon, 30% Glass Filled	
6	NSS	1	Mechanical Seal, Silicon Carbide	Included with kit 6300000501
7	NSS	1	Mechanical Seal	Included with kit 6300000501
8	6300000508	1	O-Ring	
9	6300000509	1	Mounting Flange	
10	6300000510	4	Hex Head Cap screw	
11	6300000511	1	Slinger Ring	
12	6300000513	1	Snap Ring	
13	6300000512	1	Retaining Ring	
14	6300000514	1	Ball Bearing	
15	6300000515	1	Spacer	
16	6300000516	1	Shaft Seal, Spiral Lipped	
17	6300000517	1	Seal Spacer	
18	6300000518	1	Thrust Bearing Assembly	3 Pieces
19	NSS			Included with 6300000518
20	NSS			Included with 6300000518
21	6300000519	1	Snap Ring	
22	6300000520	1	Woodruff Key	
23	6300000522	1	Shaft, Impeller	
24	6300000521	1	Roll Pin Key	
25	6300000523	1	Motor Body	Includes Main Bearing
26	6300000524	4	Hex Head Cap screw	
27	6300000525	2	O-Ring	
28	6300000526	1	Gerotor Housing	
29	6300000529	1	Gerotor	
30	6300000527	1	Locating Pin	
31	6300000528	1	Locating Pin	
32	6300000530	1	Motor End Plate	Includes Main bearing
33	6300000531	4	Washer	
34	6300000532	4	Cap Screw	
	6300000600	1	Complete Hypro Pump Assembly	Model HM1C
	6300000533	A/R	Hydraulic Motor Assembly	Includes Items # 11 through # 34
	6300000501	A/R	Mechanical Seal Repair Kit	Includes Items # 6 and # 8
	6300000535	A/R	Parts Kit, Hydraulic Motor	Includes Items # 14, # 16, and two # 27
	RM800150	25'	Hose, Air Vent	Order by the foot
	640020005	1	Fitting, 1/4" Popit to 1/8 NPT Straight	Not Shown

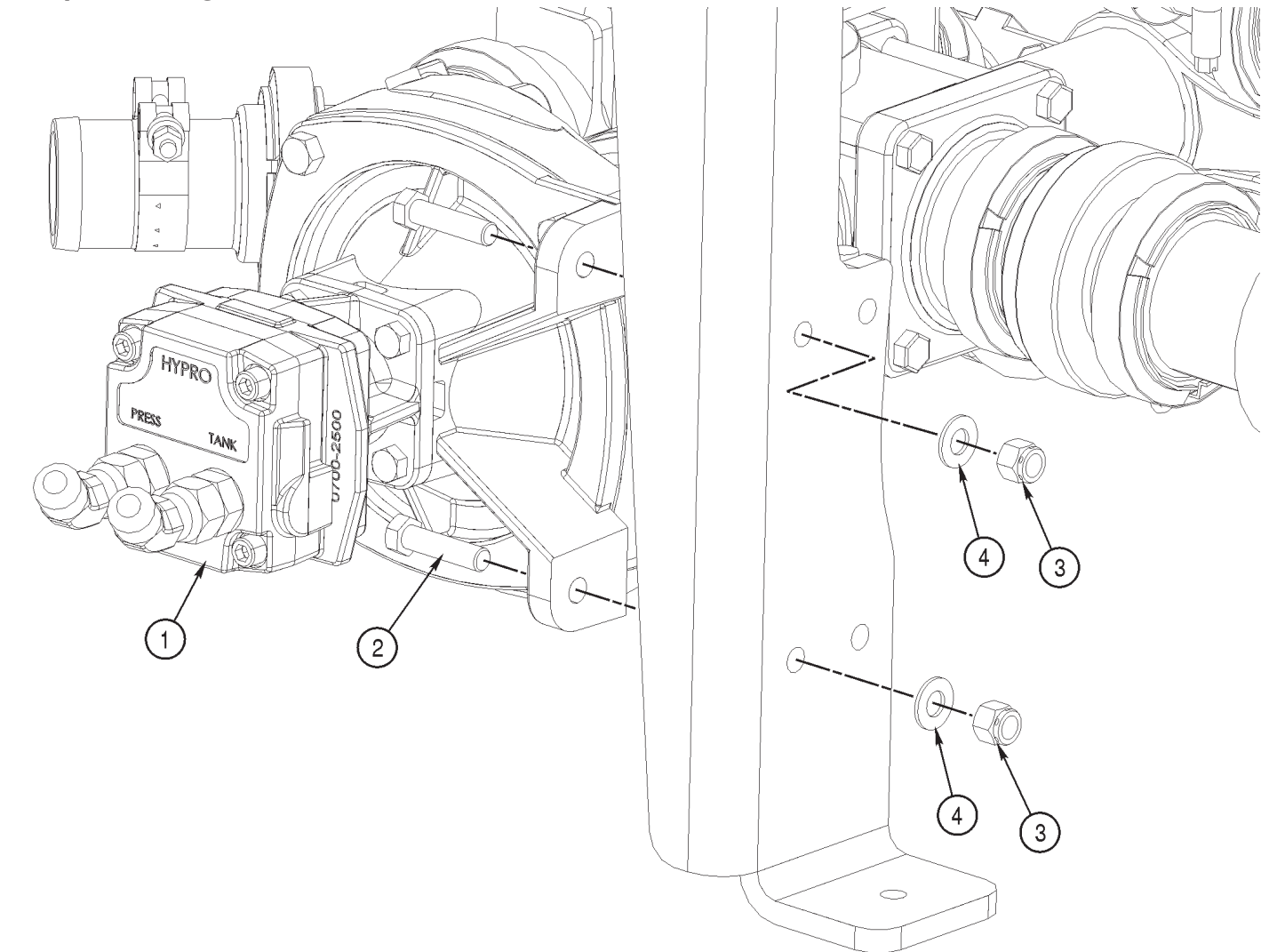
Standard Plumbing

Plumbing Mounting



Item	Part Number	Qty	Description	Comments
1	690000033	1	Bracket, Fill Station, Left	
2	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
3	902003040	4	Washer, Flat 5/16	
4	901002568	2	U-bolt, 5/16 x 2 1/2 x 4 3/16	
5	902003200	4	Washer, Flat 3/8	
6	901003020	4	Nut, Nylock 3/8-16	
7	690000034	1	Bracket, Fill Station, Right	
8	690000035	1	Bracket, Fill Station, Lower	
	690001829	1	Hose, Product 2" x 40" Suction	Not Shown
	690001830	1	Hose, Rinse Tank 1.5" x 122"	Not Shown
	690001831	1	Hose, Rack Supply 1.5" x 168"	Not Shown

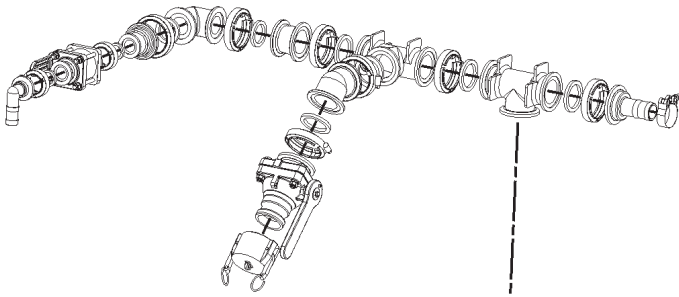
Pump Mounting



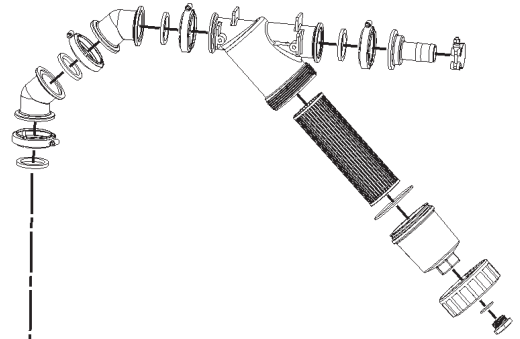
Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	900002835	2	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
3	901003020	2	Nut, Nylock 3/8-16	
4	902003045	2	Washer, Flat 3/8 ZP	

Fill Station Plumbing Overview

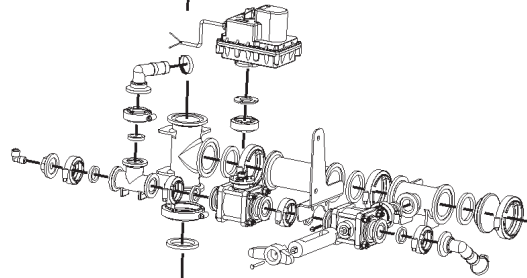
PAGE 7-11



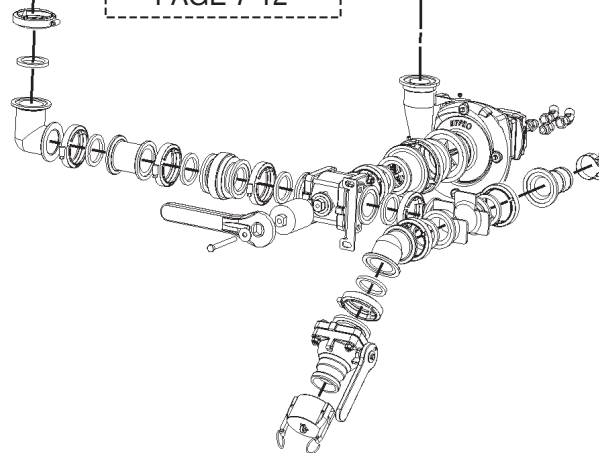
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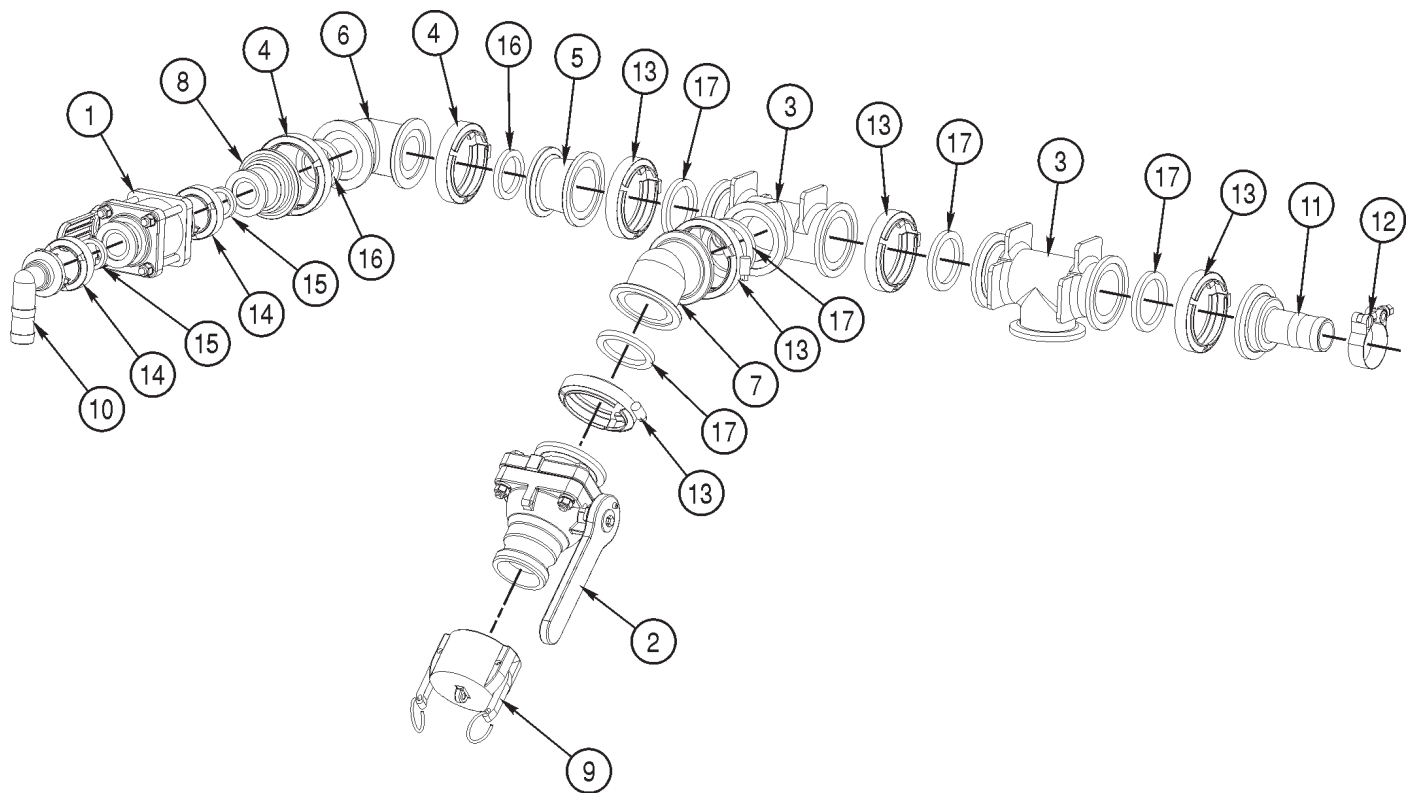
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PAGE 7-12

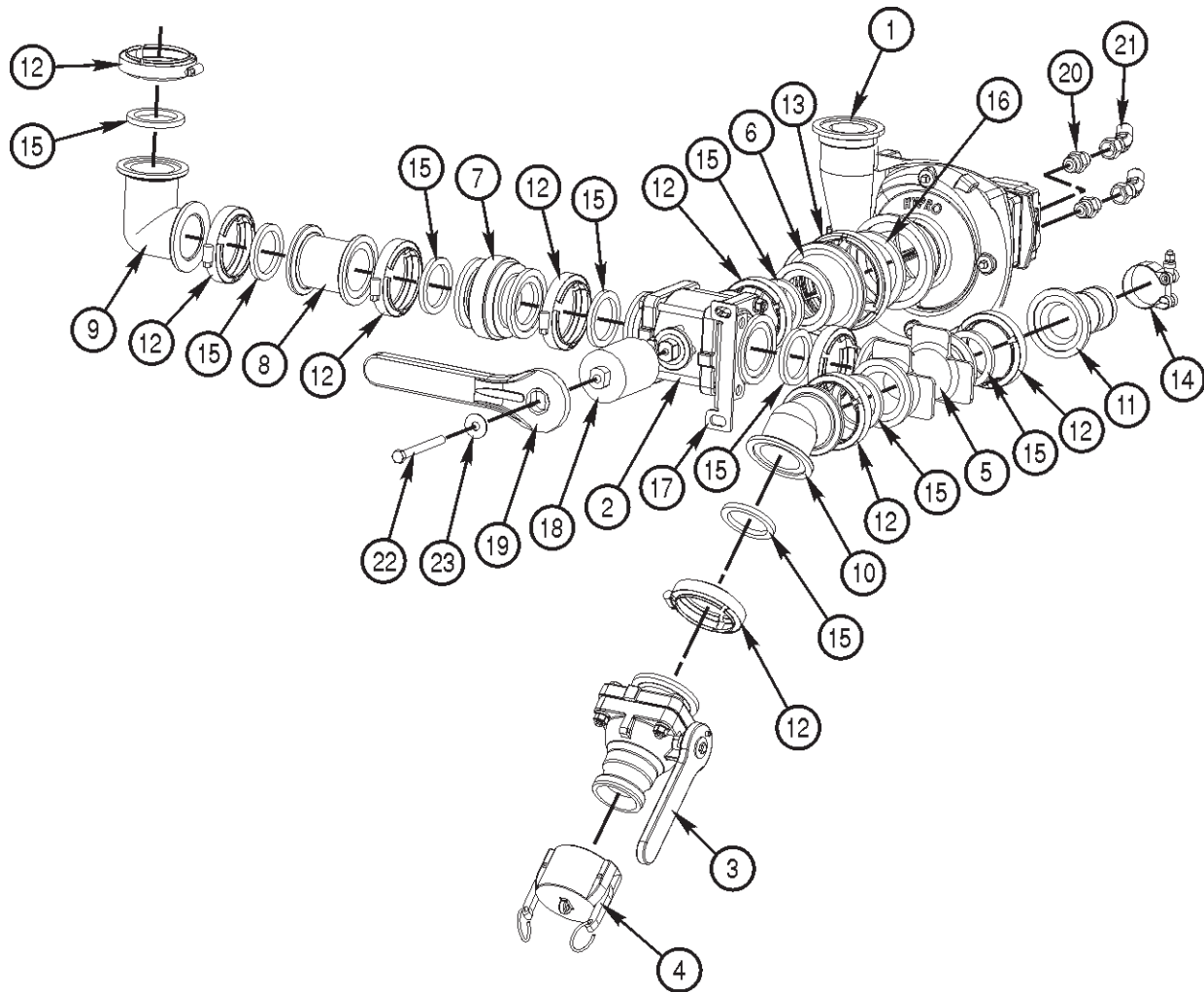


Detail 1



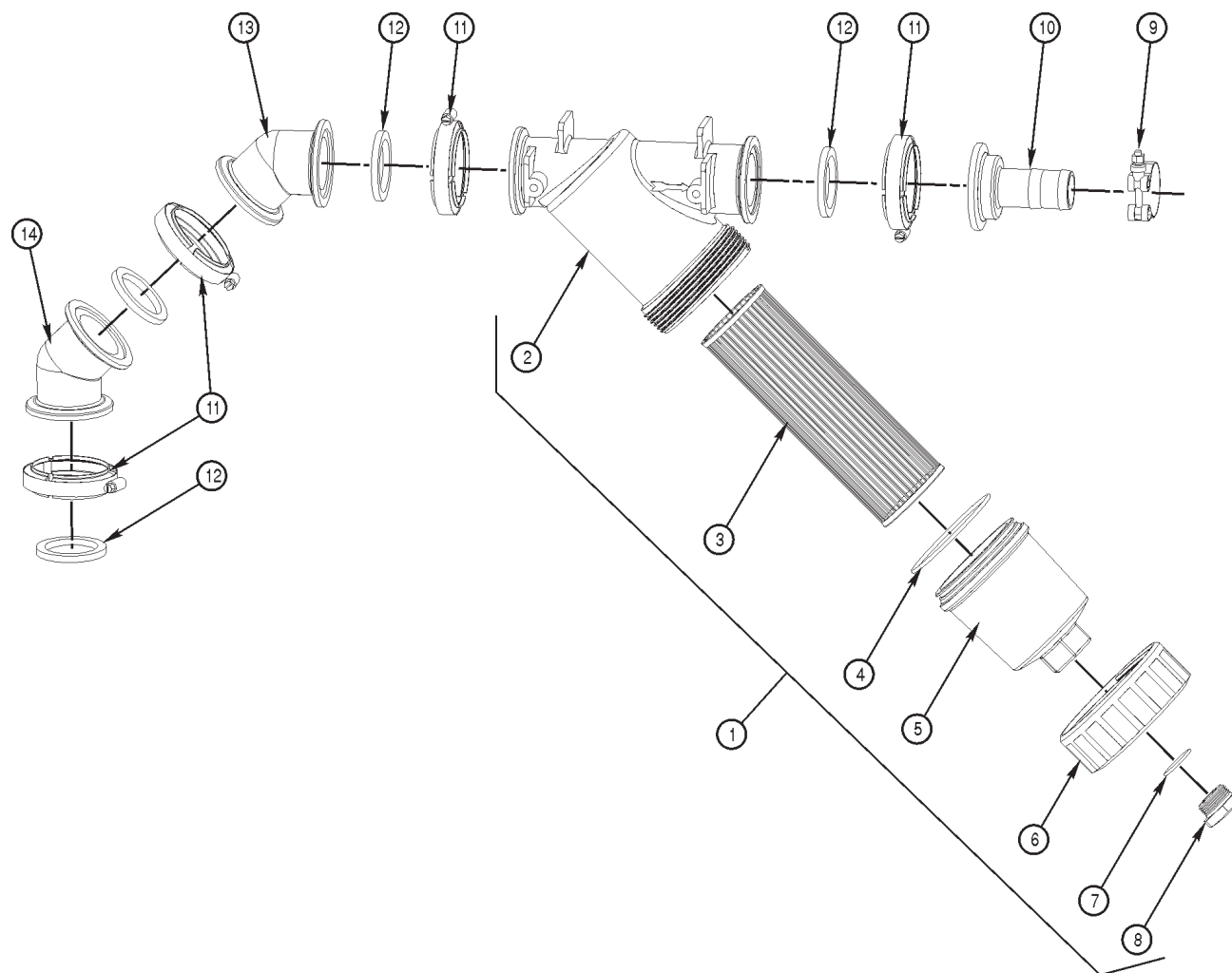
Item	Part Number	Qty	Description	Comments
1	640100077	1	Valve, Ball 1" Banjo	
2	640100208	1	Valve 2" FP To QDC Stubby	
3	640100002	2	Fitting, Tee 2" FP Banjo	
4	640100013	2	Clamp, 2" Standard Port Banjo	
5	640100073	1	Fitting, Reducer 220 x 200 Banjo	
6	640100143	1	Coupling, 90 Degree Flange 2" SP Short	
7	640000042	1	Fitting, FP 2" 45 Banjo	
8	640100007	1	Fitting, Reducer 2"-1" Banjo	
9	640000150	1	Cap, 2" Poly	
10	640100023	1	Fitting, 1" Barb x 1 Flange 90 Banjo	
11	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
12	915003175	1	Clamp, 1 5/16" TC 181	
13	640100011	5	Clamp, 2" Full Port Banjo	
14	640100015	2	Clamp, 1" Banjo	
15	640100016	2	Gasket, 1" Banjo	
16	640100014	2	Gasket, 2" Standard Port Banjo	
17	640100012	5	Gasket, 220 Full Port Banjo	

Detail 2



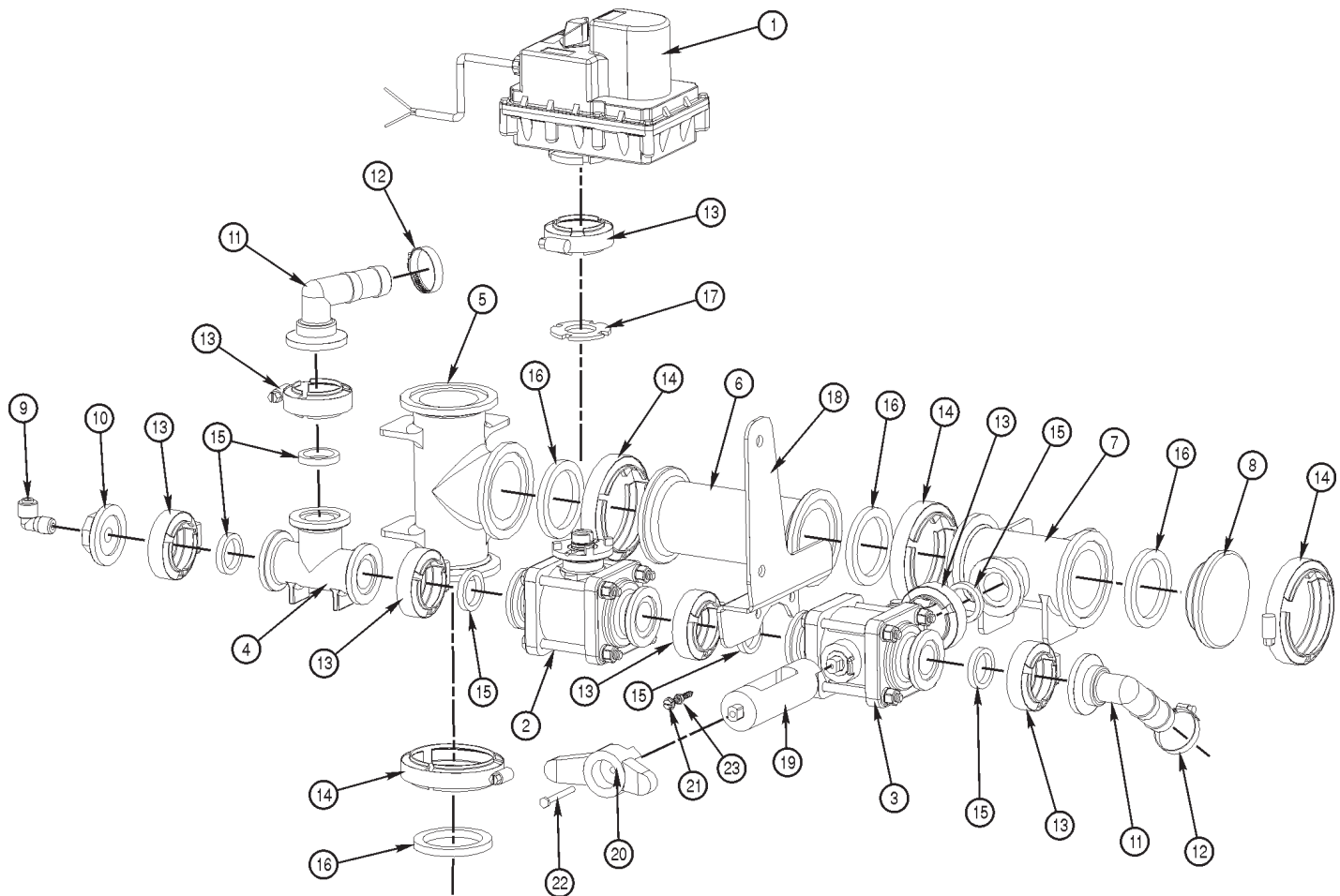
Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	640100060	1	Valve, 2" 3 Way Full FL Banjo	
3	640100208	1	Valve 2" FP To QDC Stubby	
4	640000150	1	Cap, 2" Poly	
5	640100002	1	Fitting, Tee 2" FP Banjo	
6	640100047	1	Fitting, 3 x 2 Flange Full Port Reducer	
7	640100134	1	Valve, Check Banjo Flanged	
8	640100042	1	Fitting, Extension 2" FP Banjo	
9	640100003	1	Fitting, Elbow 90 2" Banjo	
10	640000042	1	Fitting, FP 2" 45 Banjo	
11	640100005	1	Fitting, 2 Hose Barb Banjo	
12	640100011	8	Clamp, 2" Full Port Banjo	
13	640100027	1	Clamp, 3" Banjo	
14	915003300	1	Clamp, 2" TC 231	
15	640100012	8	Gasket, 220 Full Port Banjo	
16	640100028	1	Gasket, 300 EPDM Banjo	
17	690000035	1	Bracket, Fill Station Lower	
18	690000039	1	Riser, MV220BL	
19	640100149	1	Handle, Straight Banjo, 2" and 3" BL Valves	
20	800302445	2	Fitting, 8 FLM x 8 ORM ST	
21	800302207	2	Fitting, 8 FLM x 8 FLF 45	
22	900002855	1	Bolt, HHCS 3/8-16 x 2 1/2 G5 ZP	
23	640100151	1	Washer, SS Banjo Handle	

Detail 3



Item	Part Number	Qty	Description	Comments
1	640100209	1	Assembly, Strainer "Y" Manifold 2" FP 50 Mesh	Includes Items 2 through 8.
2	640400029	1	2" Flanged Y Strainer	Body Only
3	640400020	1	Screen, Strainer 2" Y Full Port 50 Mesh	
4	640400024	1	Gasket, Body 2" Main	
5	640400028	1	2" Flanged Y Strainer Cap	
6	640400027	1	2" Flanged Y Strainer Ring	
7	640400025	1	Gasket, Plug 2" Bottom	
8	640400026	1	Plug, 2"	
9	915003175	1	Clamp, 1 5/16 TC 181	
10	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
11	640100011	4	Clamp, 2" Full Port Banjo	
12	640100012	4	Gasket, 220 Full Port Banjo	
13	640000042	2	Fitting, FP 2" 45 Banjo	

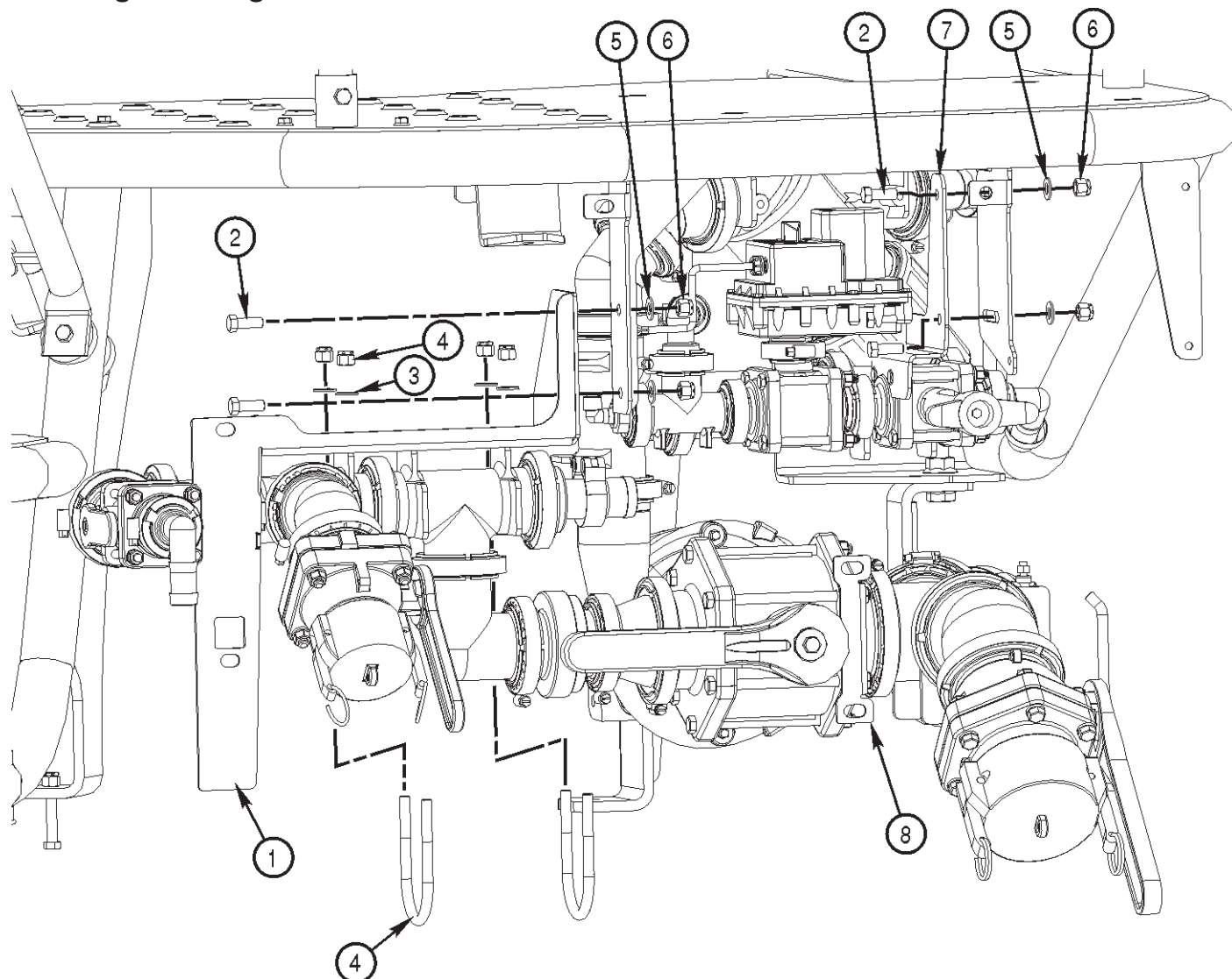
Detail 4



Item	Part Number	Qty	Description	Comments
1A	660000300	1	Valve Assembly, Agitation Banjo	
1B	660000301	1	Motor, Only Agitation	
2	660000302	1	Ball Valve Only, Agitation	
3	640400010	1	Valve, 3-Way 1"	
4	640100024	1	Fitting, 1" Flange Tee Banjo	
5	640100002	1	Fitting, 2" Flange Tee Banjo	
6	640100206	1	Fitting, Coupling 2" FP Straight 6"	
7	640400007	1	Tee 2" Full Port To 1"	
8	640400018	1	Fitting, Flange Plug 2" Full Port	
9	640020000	1	Fitting, 1/4 Popit 90 Degree	
10	640400011	1	Cap 1" With 1/4" Port	
11	640100023	1	Fitting, 1 Barb x 1 Flange 90 Banjo	
12	915000500	2	Clamp, Screw #16 x 1"	
13	640100015	7	Clamp, 1" Banjo	
14	640100011	4	Clamp 2" Full Port Banjo	
15	640100016	6	Gasket, 1" Banjo	
16	640100012	4	Gasket, 220 Full Port Banjo	
17	660000305	1	Gasket	Between ball valve and motor
18	690000034	1	Bracket, Fill Station Right	
19	690000037	1	Riser, MV100BL	
20	640100150	1	Handle, Tee Banjo, 1" BL Valve	
21	900002439	1	Screw, 10-24 x 1 3/4" Buttonhead	
22	903302609	1	Screw, Tek 5/16 x 1 1/4" SS Hex Washer	
23	901002899	1	Nut, Nylock 10-24 ZP	

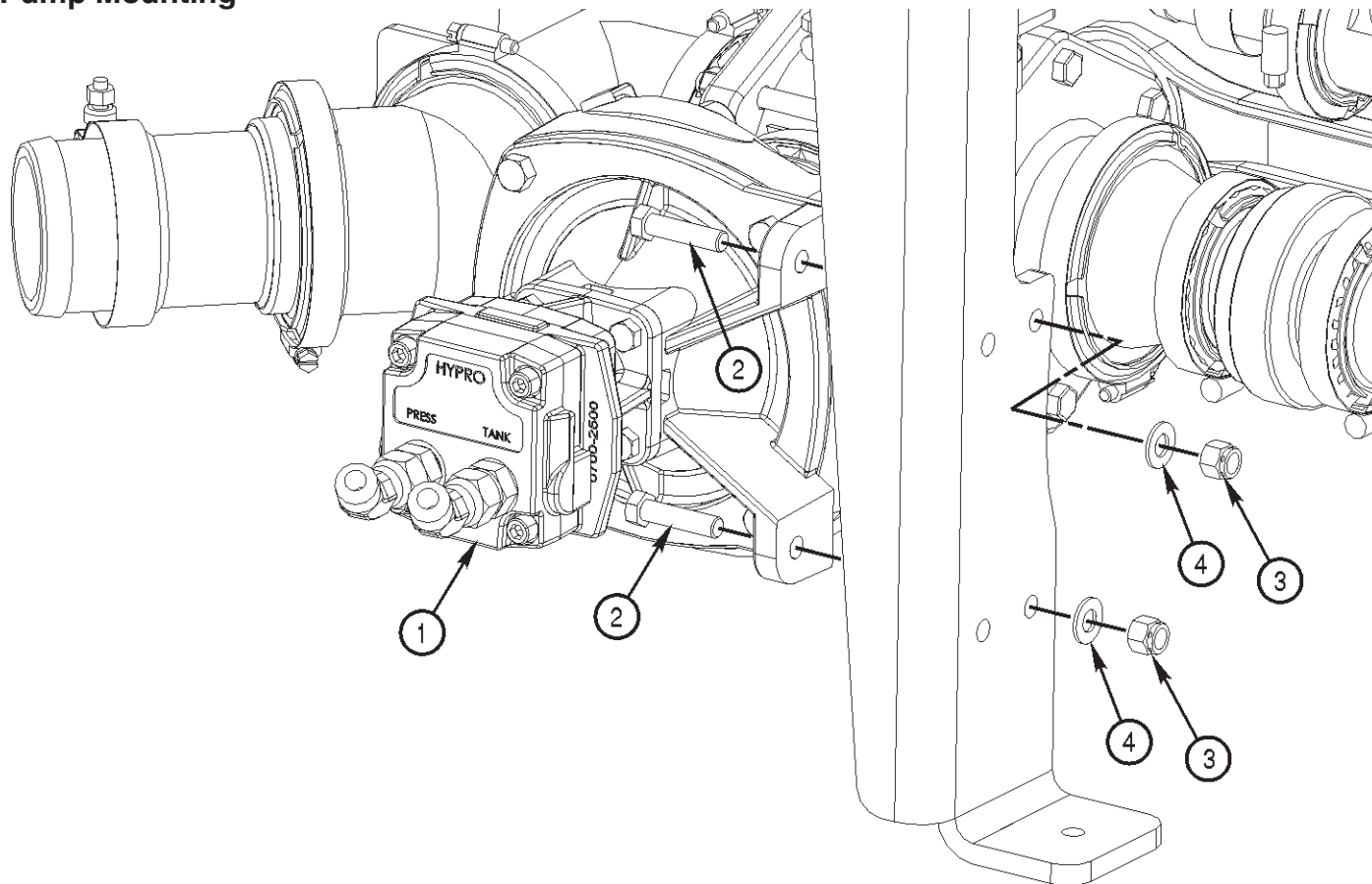
Quick-Fill Plumbing

Plumbing Mounting



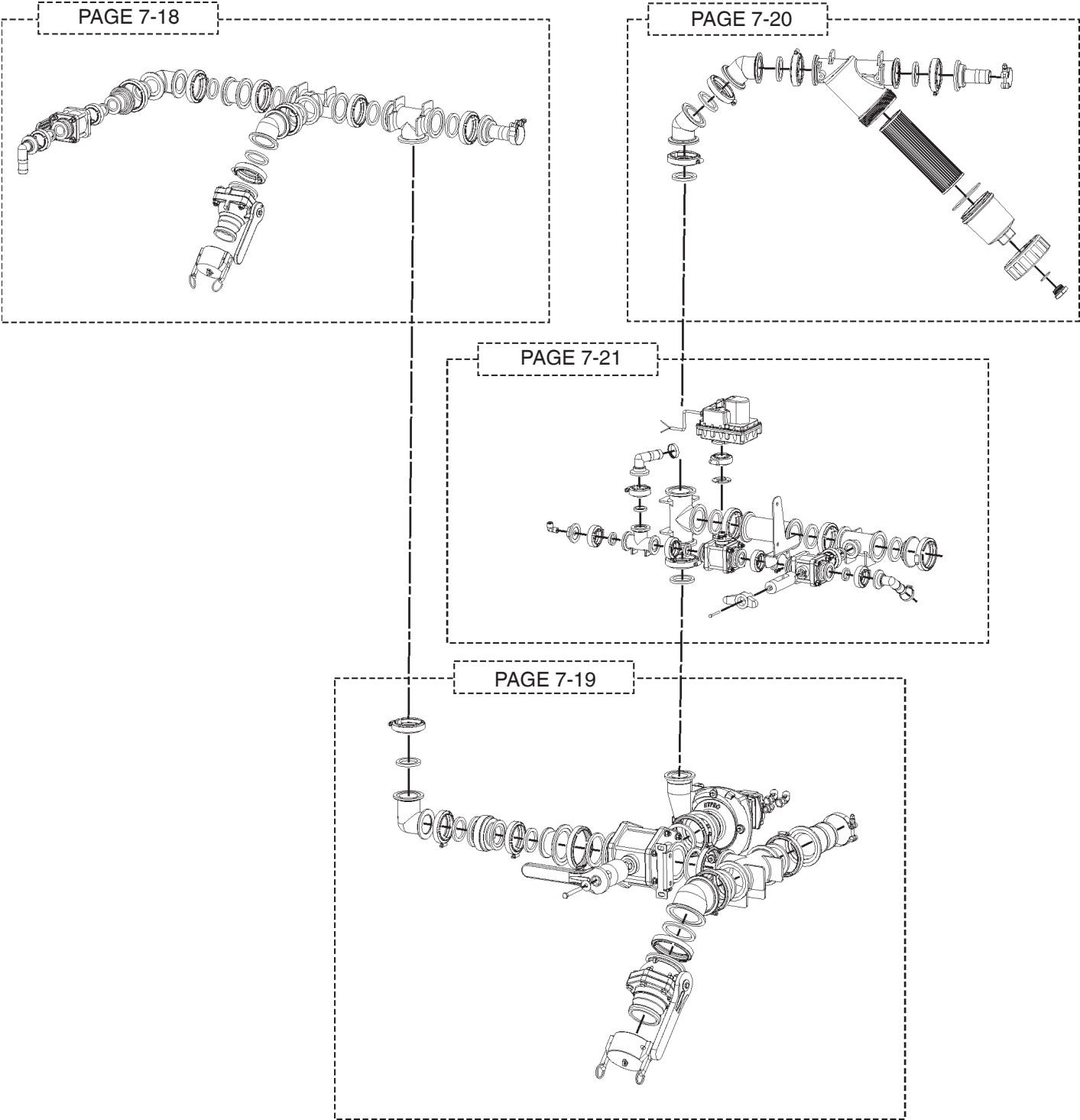
Item	Part Number	Qty	Description	Comments
1	690000033	1	Bracket, Fill Station, Left	
2	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
3	902003040	4	Washer, Flat 5/16	
4	901002568	2	U-bolt, 5/16 x 2 1/2 x 4 3/16	
5	902003200	4	Washer, Flat 3/8	
6	901003020	4	Nut, Nylock 3/8-16	
7	690000034	1	Bracket, Fill Station, Right	
8	690000035	1	Bracket, Fill Station, Lower	
	690001829	1	Hose, Product 2" x 40" Suction	Not Shown
	690001830	1	Hose, Rinse Tank 1.5" x 122"	Not Shown
	690001831	1	Hose, Rack Supply 1.5" x 168"	Not Shown

Pump Mounting

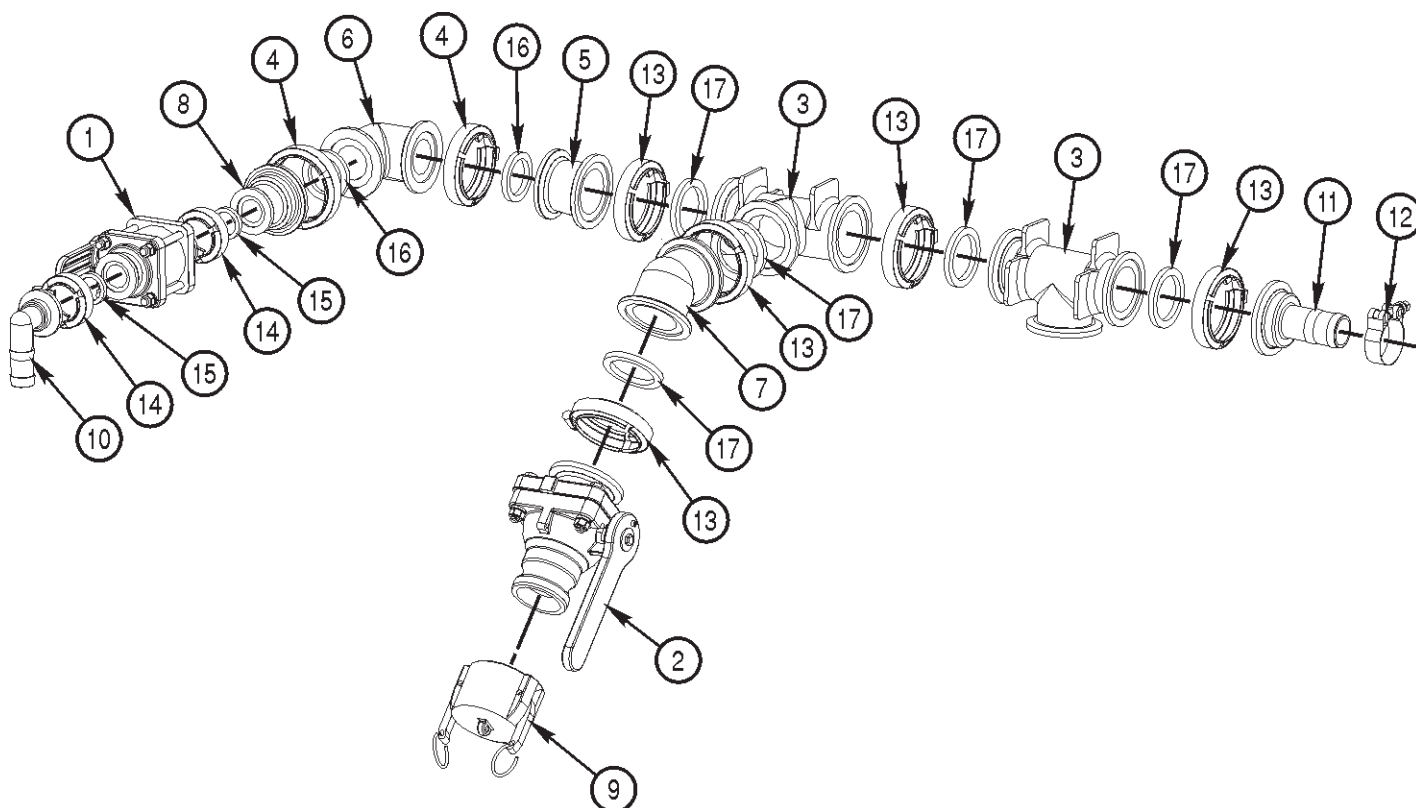


Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	900002835	2	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
3	901003020	2	Nut, Nylock 3/8-16	
4	902003045	2	Washer, Flat 3/8 ZP	

Fill Station Plumbing Overview

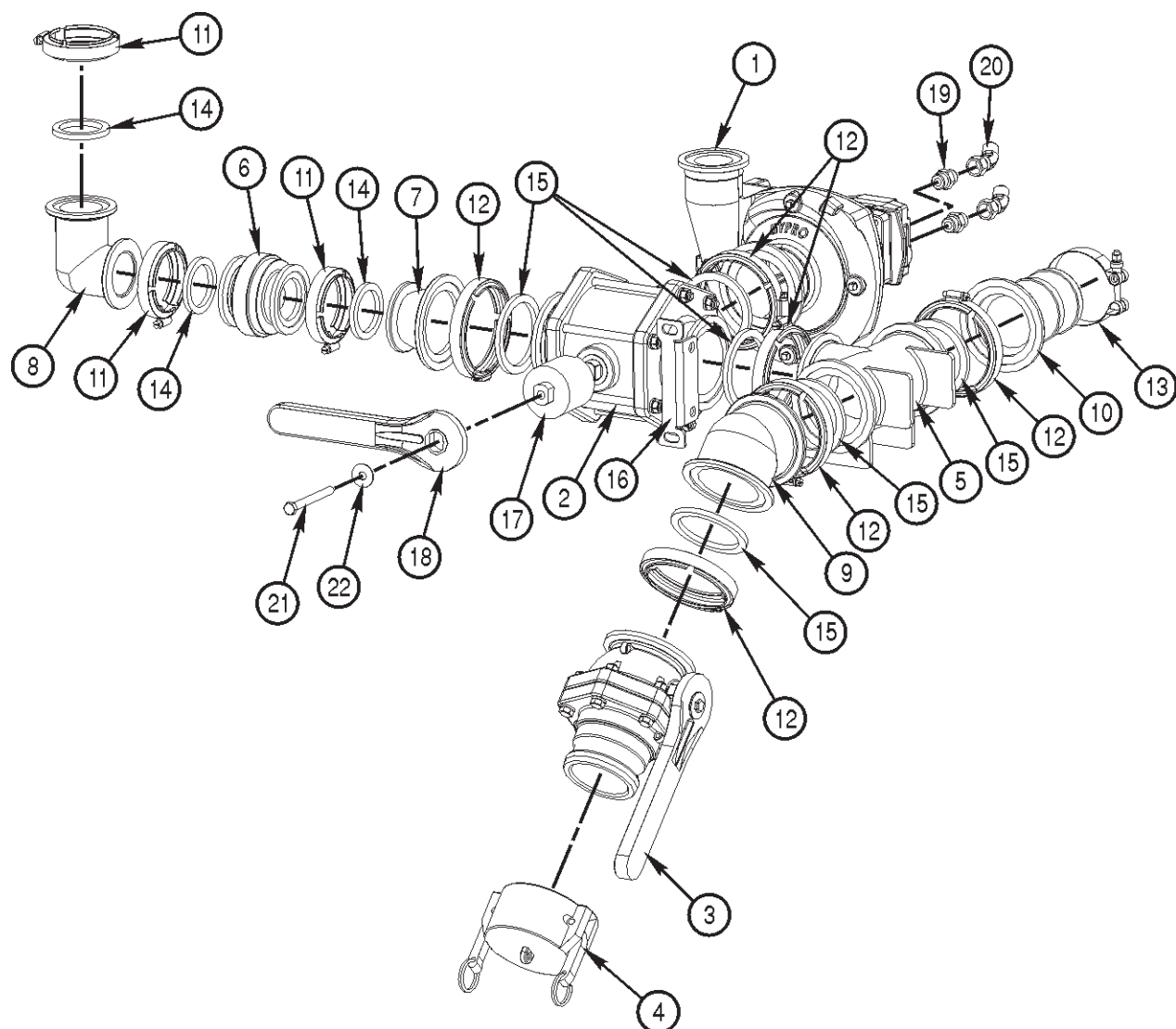


Detail 1



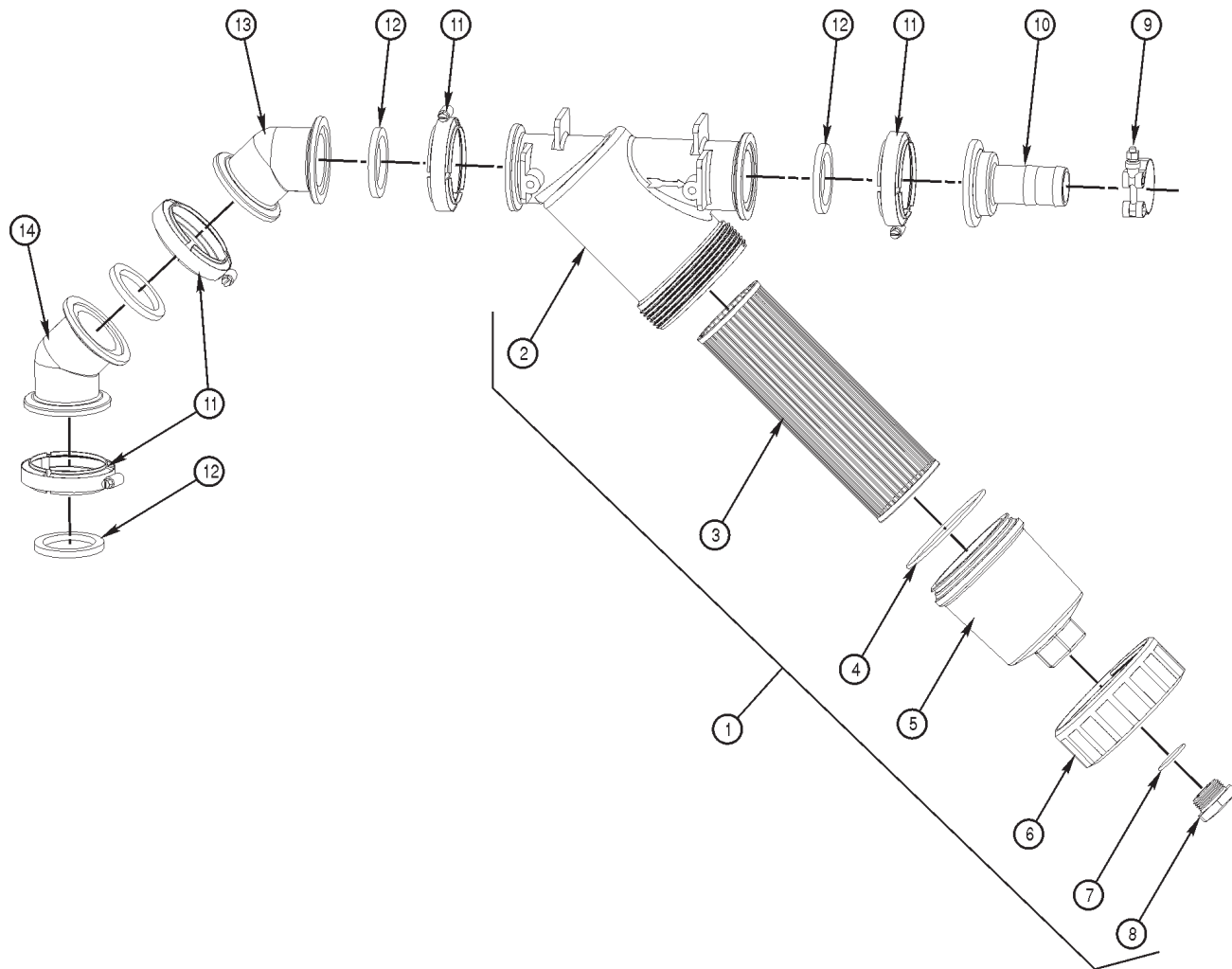
Item	Part Number	Qty	Description	Comments
1	640100077	1	Valve, Ball 1" Banjo	
2	640100208	1	Valve 2" FP To QDC Stubby	
3	640100002	2	Fitting, Tee 2" FP Banjo	
4	640100013	2	Clamp, 2" Standard Port Banjo	
5	640100073	1	Fitting, Reducer 220 x 200 Banjo	
6	640100143	1	Coupling, 90 Degree Flange 2" SP Short	
7	640000042	1	Fitting, FP 2" 45 Banjo	
8	640100007	1	Fitting, Reducer 2"-1" Banjo	
9	640000150	1	Cap, 2" Poly	
10	640100023	1	Fitting, 1" Barb x 1 Flange 90 Banjo	
11	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
12	915003175	1	Clamp, 1 5/16" TC 181	
13	640100011	5	Clamp, 2" Full Port Banjo	
14	640100015	2	Clamp, 1" Banjo	
15	640100016	2	Gasket, 1" Banjo	
16	640100014	2	Gasket, 2" Standard Port Banjo	
17	640100012	5	Gasket, 220 Full Port Banjo	

Detail 2



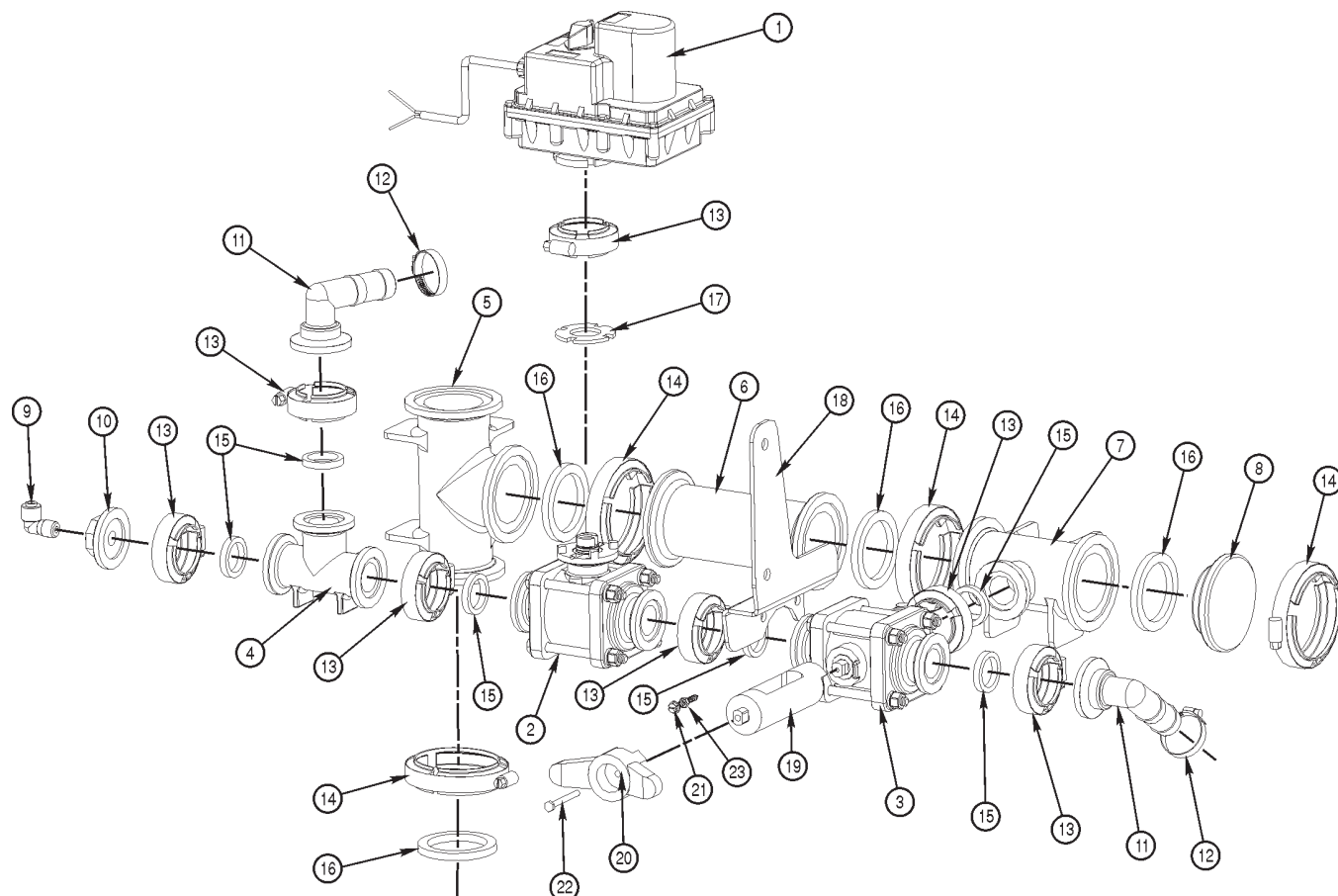
Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	640100212	1	Valve 3" Manifold Bottom Load	
3	640100213	1	Valve 3" FP To QDC Stubby	
4	640100118	1	Cap For Cam Lever Male Adapter 3"	
5	640100052	1	Fitting 3" Flange Tee Banjo	
6	640100134	1	Valve, Check Banjo Flanged	
7	640100047	1	Fitting, 3 x 2 Flange Full Port Reducer	
8	640100003	1	Fitting, Elbow 90 2" Banjo	
9	640100116	1	Fitting, Flange Coupling 45 Degree Elbow 3"	
10	640100048	1	Fitting, 3" Flange 3" HB Banjo	
11	640100011	3	Clamp, 2" Full Port Banjo	
12	640100028	6	Clamp, 3" Banjo	
13	915003302	1	Clamp T-Bolt 3" 3.75/4.25 Dixon	
14	640100012	3	Gasket, 220 Full Port Banjo	
15	640100027	6	Gasket, 300 EPDM Banjo	
16	690000036	1	Bracket, Fill Station Lower	
17	690000040	1	Riser, MV300BL, QF	
18	640100149	1	Handle, Straight Banjo, 2" and 3" BL Valves	
19	800302445	2	Fitting, 8 FLM x 8 ORM ST	
20	800302207	2	Fitting, 8 FLM x 8 FLF 45	
21	900002856	1	Bolt, HHCS 3/8-16 x 2 3/4" G5	
22	640100151	1	Washer, SS Banjo Handle	

Detail 3



Item	Part Number	Qty	Description	Comments
1	640100209	1	Assembly, Strainer "Y" Manifold 2" FP 50 Mesh	Includes Items 2 through 8.
2	640400029	1	2" Flanged Y Strainer	Body Only
3	640400020	1	Screen, Strainer 2" Y Full Port 50 Mesh	
4	640400024	1	Gasket, Body 2" Main	
5	640400028	1	2" Flanged Y Strainer Cap	
6	640400027	1	2" Flanged Y Strainer Ring	
7	640400025	1	Gasket, Plug 2" Bottom	
8	640400026	1	Plug, 2"	
9	915003175	1	Clamp, 1 5/16 TC 181	
10	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
11	640100011	4	Clamp, 2" Full Port Banjo	
12	640100012	4	Gasket, 220 Full Port Banjo	
13	640000042	2	Fitting, FP 2" 45 Banjo	

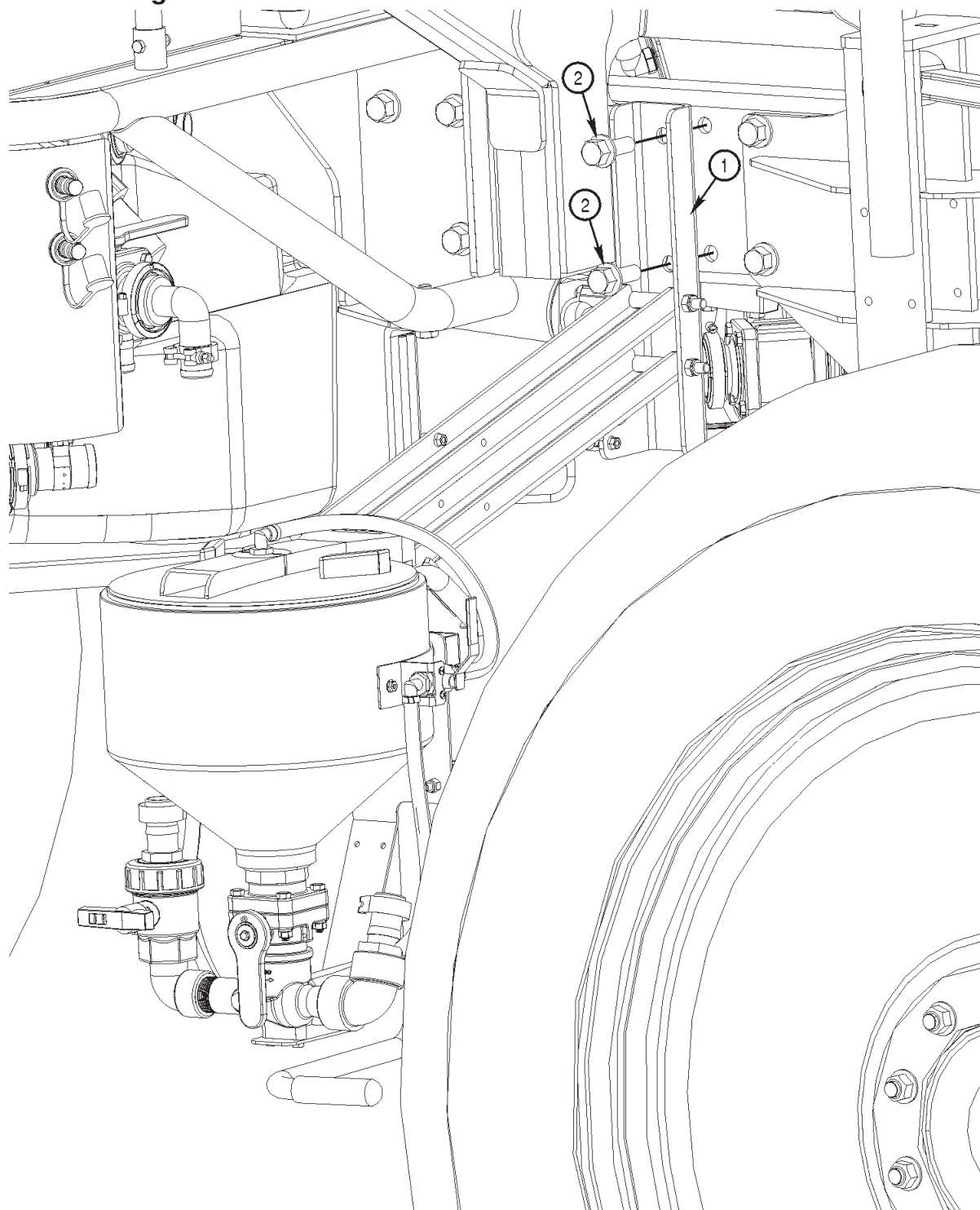
Detail 4



Item	Part Number	Qty	Description	Comments
1A	660000300	1	Valve Assembly, Agitation Banjo	
1B	660000301	1	Motor, Only Agitation	
2	660000302	1	Ball Valve Only, Agitation	
3	640400010	1	Valve, 3 Way 1"	
4	640100024	1	Fitting, 1" Flange Tee Banjo	
5	640100002	1	Fitting, 2" Flange Tee Banjo	
6	640100206	1	Fitting, Coupling 2" FP Straight 6"	
7	640400007	1	Tee 2" Full Port To 1"	
8	640400018	1	Fitting, Flange Plug 2" Full Port	
9	640020000	1	Fitting, 1/4 Popit 90 Degree	
10	640400011	1	Cap 1" With 1/4" Port	
11	640100023	1	Fitting, 1 Barb x 1 Flange 90 Banjo	
12	915000500	2	Clamp, Screw #16 1"	
13	640100015	7	Clamp, 1" Banjo	
14	640100011	4	Clamp 2" Full Port Banjo	
15	640100016	6	Gasket, 1" Banjo	
16	640100012	4	Gasket, 220 Full Port Banjo	
17	660000305	1	Gasket	Between ball valve and motor
18	690000034	1	Bracket, Fill Station Right	
19	690000038	1	Riser, MV100BL, QF	
20	640100150	1	Handle, Tee Banjo, 1" BL Valve	
21	900002439	1	Screw, 10-24 x 1 3/4" Buttonhead	
22	903302609	1	Screw, Tek 5/16 x 1 1/4" SS Hex Washer	
23	901002899	1	Nut, Nylock 10-24 ZP	

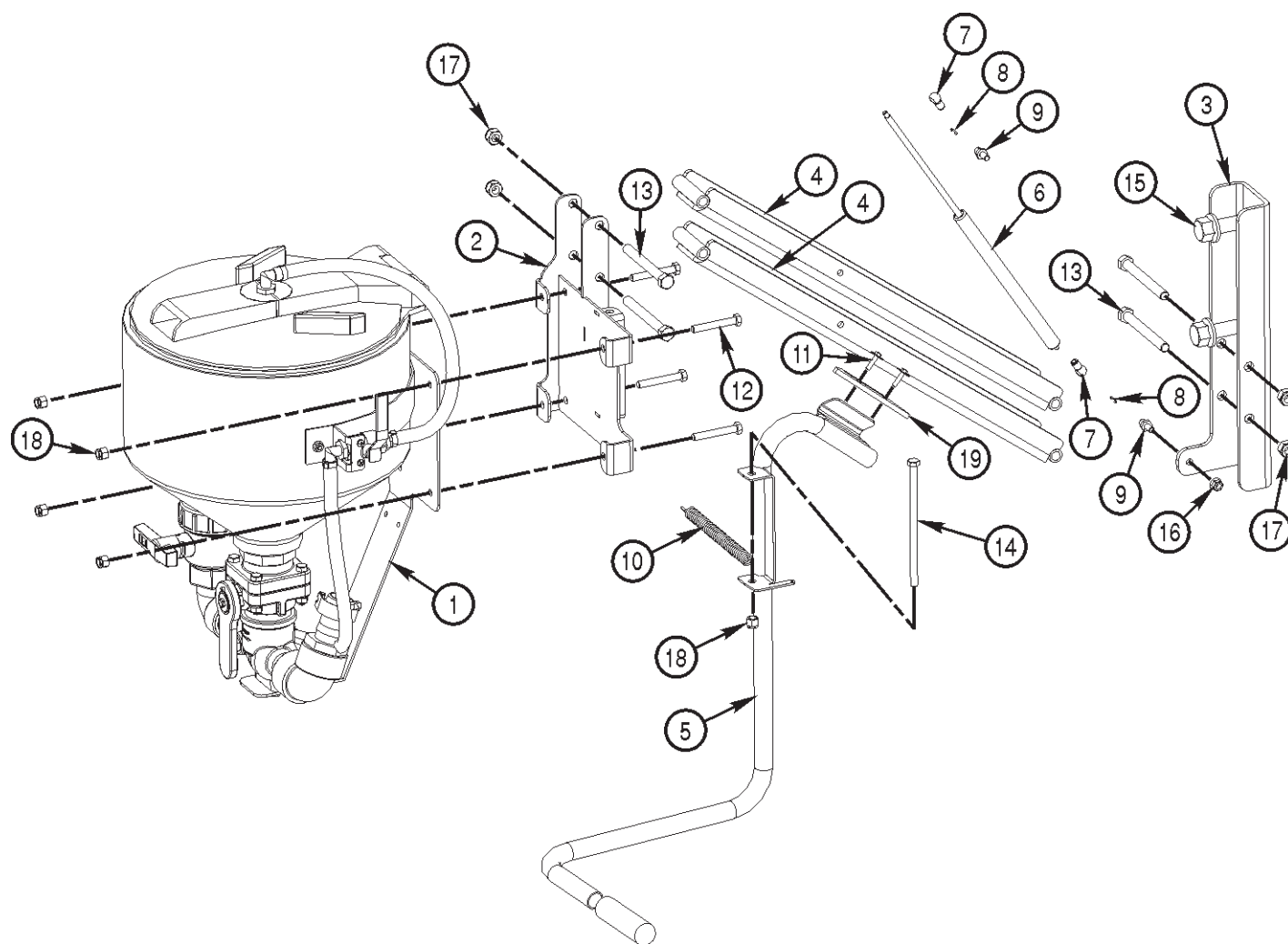
Inductor

Inductor Mounting



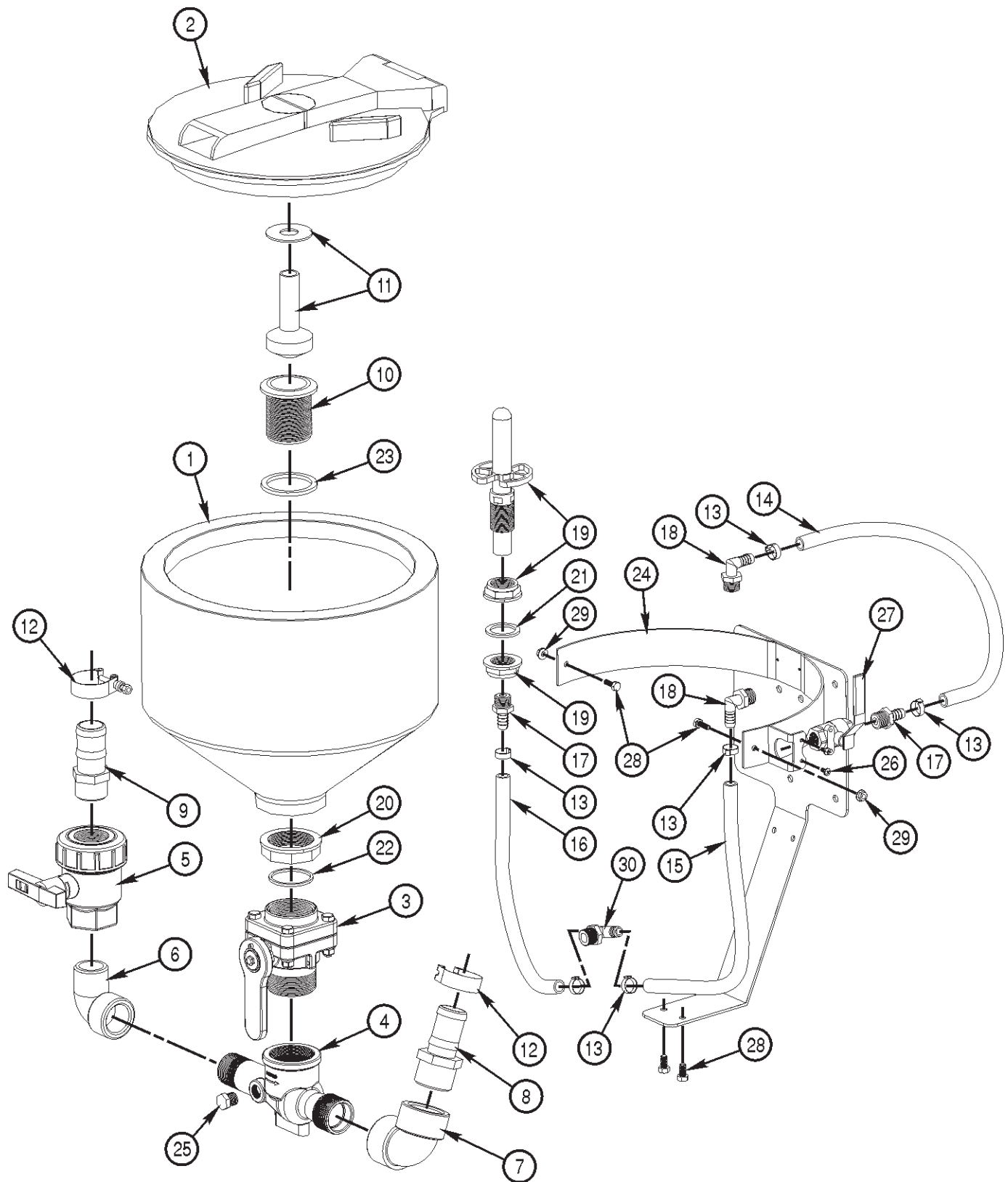
Item	Part Number	Qty	Description	Comments
1	630100018	1	Bracket, Inductor Frame	
2	100100006	2	Bolt, 3/4-10 x 2 Salt Bath	Nut 3/4-10 P/N 100100005
	K65000196		Kit, Chemical Inductor Poly Tank	
	K65000211		Kit, Chemical Inductor Stainless Tank	

Detail 1



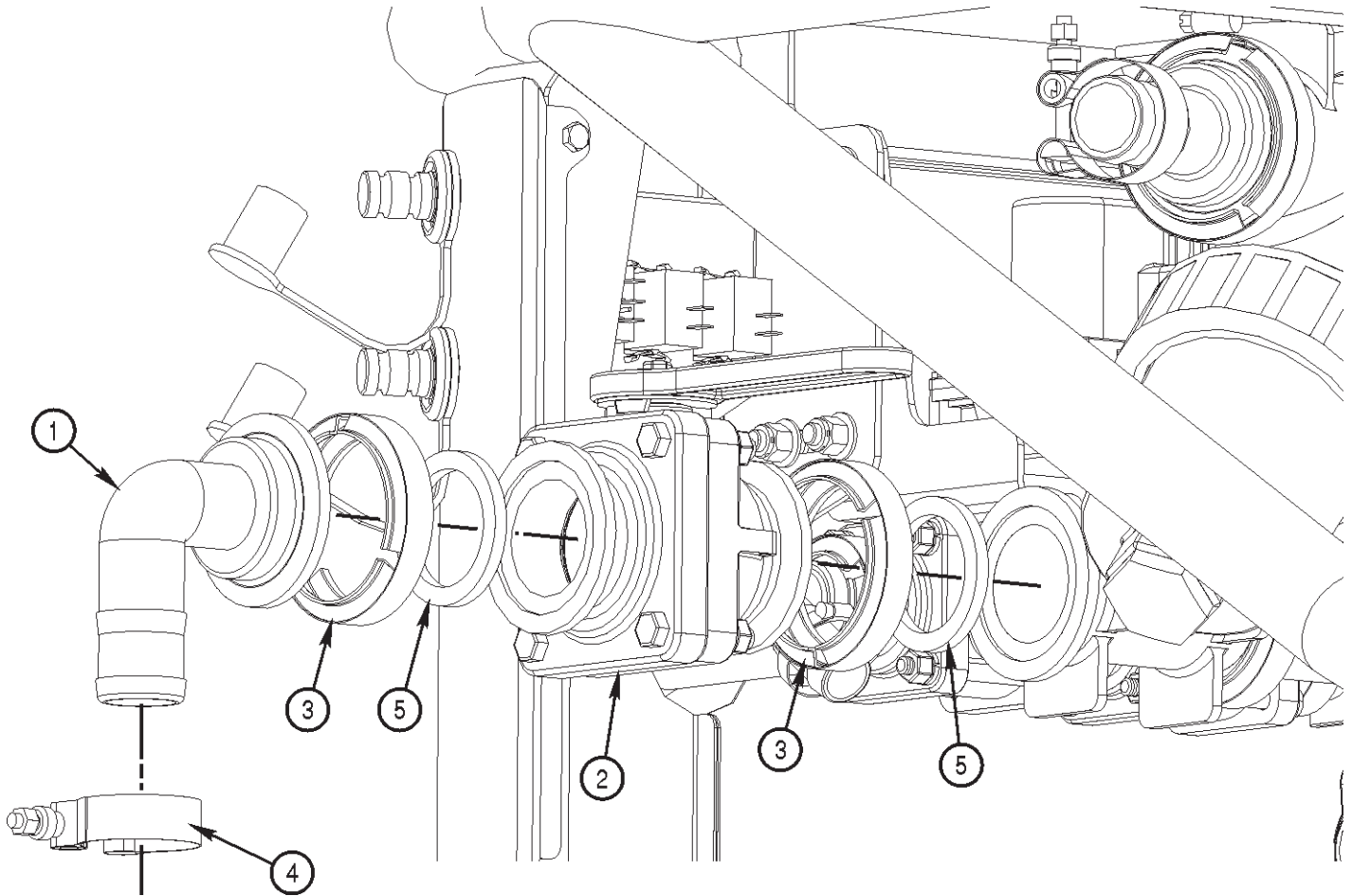
Item	Part Number	Qty	Description	Comments
1	630100006	1	Inductor, Hypro Assembly	
2	630100019	1	Bracket, Inductor Tank	
3	630100018	1	Bracket, Inductor Frame	
4	630100010	2	Link, Inductor	
5	630100012	1	Handle, Inductor	
6	630100003	1	Spring, Gas 120 lb x 7.87 Stroke	
7	630100004	2	Socket, Ball M6 x 10 mm	
8	490000117	2	Clip, Retainer 10 mm Socket	
9	630100005	2	Ball Stud, 5/16-18 x 10 mm	
10	630100014	1	Spring, Inductor Latch	
11	915001301	2	Screw, Self Tap #12 x 3/4 Hex	
12	900002850	4	Bolt, HHCS 3/8-16 x 2 1/4 G5 ZP	
13	900003302	4	Bolt, HHCS 1/2-13 x 4 1/2 G5 ZP	
14	900010716	1	Bolt, HHCS 3/8 -16 x 7" G5 ZP	
15	100100006	2	Bolt, 3/4-10 x 2 Salt Bath	Nut, 3/4-10 Salt Bath, P/N 100100005
16	901003010	2	Nut, Nylock 5/16-18 ZP	
17	901003040	4	Nut, Nylock 1/2-13 ZP	
18	901003020	5	Nut, Nylock 3/8-16 ZP	
19	630100017	1	Wear Strip, Inductor Handle	
	K65000196		Kit, Chemical Inductor Poly Tank	
	K65000211		Kit, Chemical Inductor Stainless Tank	

Detail 2



Item	Part Number	Qty	Description	Comments
1	640500008	1	Tank, 5.5 Gallon Hypro	
2	640500017	1	Lid, Tank 12" Road warrior Hypro	
3	640500035	1	Ball Valve, 2 Way, Hypro Stubby	
4	640500000	1	Inductor, Machined Hypro	
5	640500036	1	Ball Valve, 1.25" Single Union, Hypro	
6	640400012	1	Elbow, Street 1 1/4"	
7	640000230	1	Elbow, 1 1/2" NPT 90 Banjo	
8	640400014	1	Hose Barb 1.5 NPT To 1.5 Hose	
9	640400013	1	Hose Barb 1.25 NPT To 1.5 Hose	
10	640500006	1	Drain Head	
11	640500041	1	Tank Rinse Head Assembly	
12	915003201	10	Clamp, 1 1/4" TC 162	
13	640500023	6	Clamp, Hose	
14	640500025	1	Hose	Tank Rinse
15	640500026	1	Hose	Feeder Valve
16	640500024	1	Hose	Bottle Rinse
17	640500016	2	Hose Barb, 1/2" Male NPT x 1/2" HB	
18	640500019	2	Hose Barb, Elbow 1/2" Male NPT x 1/2" HB	
19A	640500037	1	Bottle Rinse Head Base Assembly	
19B	640500038	1	Bottle Rinse Head, Top Half Only	
20	640500009	1	Locking Ring, 2"	
21	640500015	1	Gasket, 1"	
22	640500005	1	Gasket, 2" BSP Hypro	
23	640500034	1	Gasket 2", Tapered, Hypro	
24	640500010	1	Frame, Back Mount	
25	640500001	1	Plug, 1/2" Hypro	
26	640500022	2	Screw, 10-32 x 0.375 SS Hypro	
27	640500021	1	Valve, Rinse 1/2" SS	
28	640500012	4	Bolt, Hex Head 1/4-20 x 3/4	
29	640500013	4	Nut, Flange 1/4-20	
30	640500002	1	Fitting, Tee 1/2" NPT to 1/2" HB	
	640500039	1	Valve, 1/2" Hypro	Not Shown

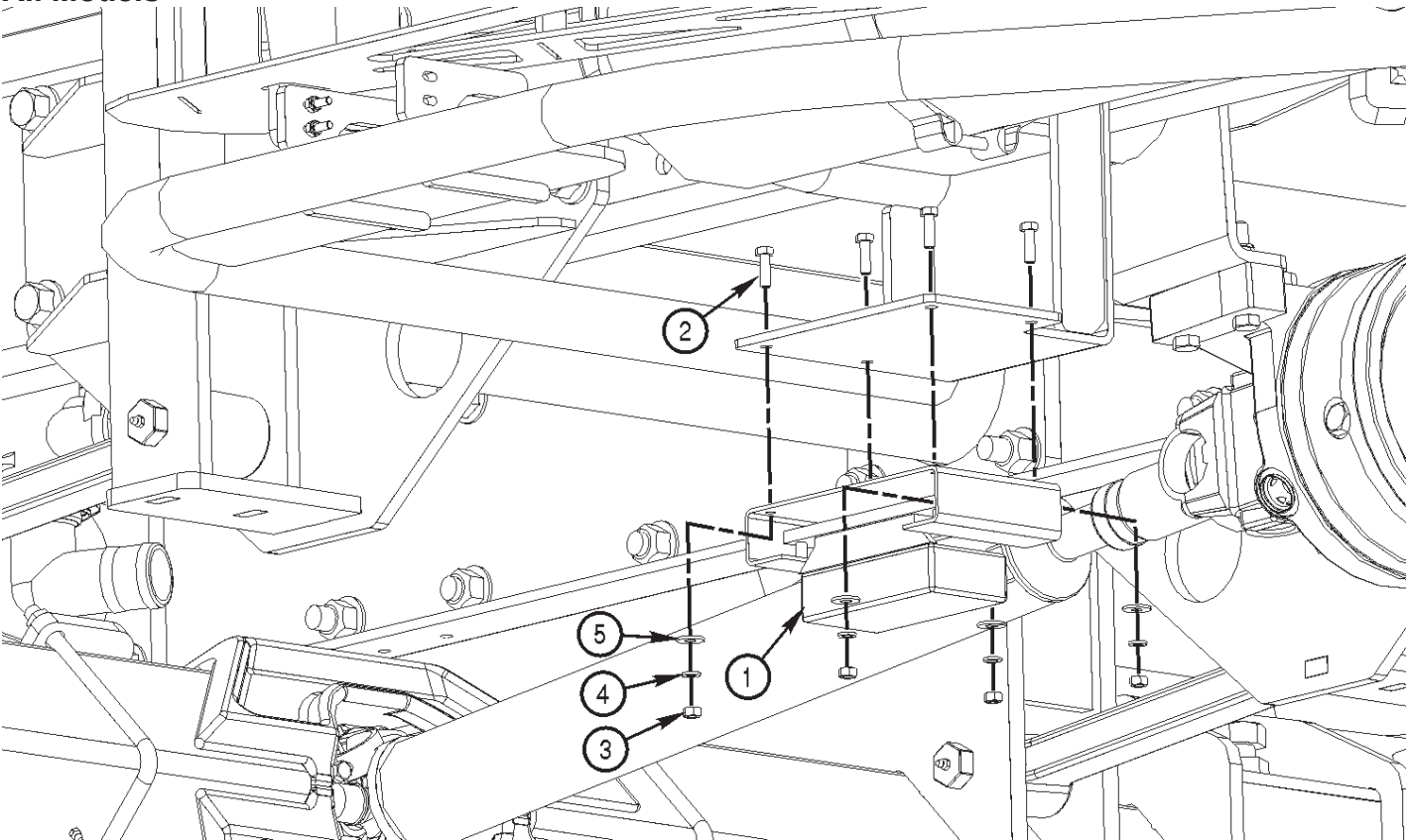
Detail 3



Item	Part Number	Qty	Description	Comments
1	640400009	1	Elbow 2" Full Port To 1.5 Hose Barb 90	
2	640100207	1	Valve 2" FP Both Ends Stubby	
3	640100011	2	Clamp, 2" Full Port Banjo	
4	915003201	1	Clamp, 1 1/4" TC 162	
5	640100012	2	Gasket, 220 Full Port Banjo	

Radar Speed Sensor

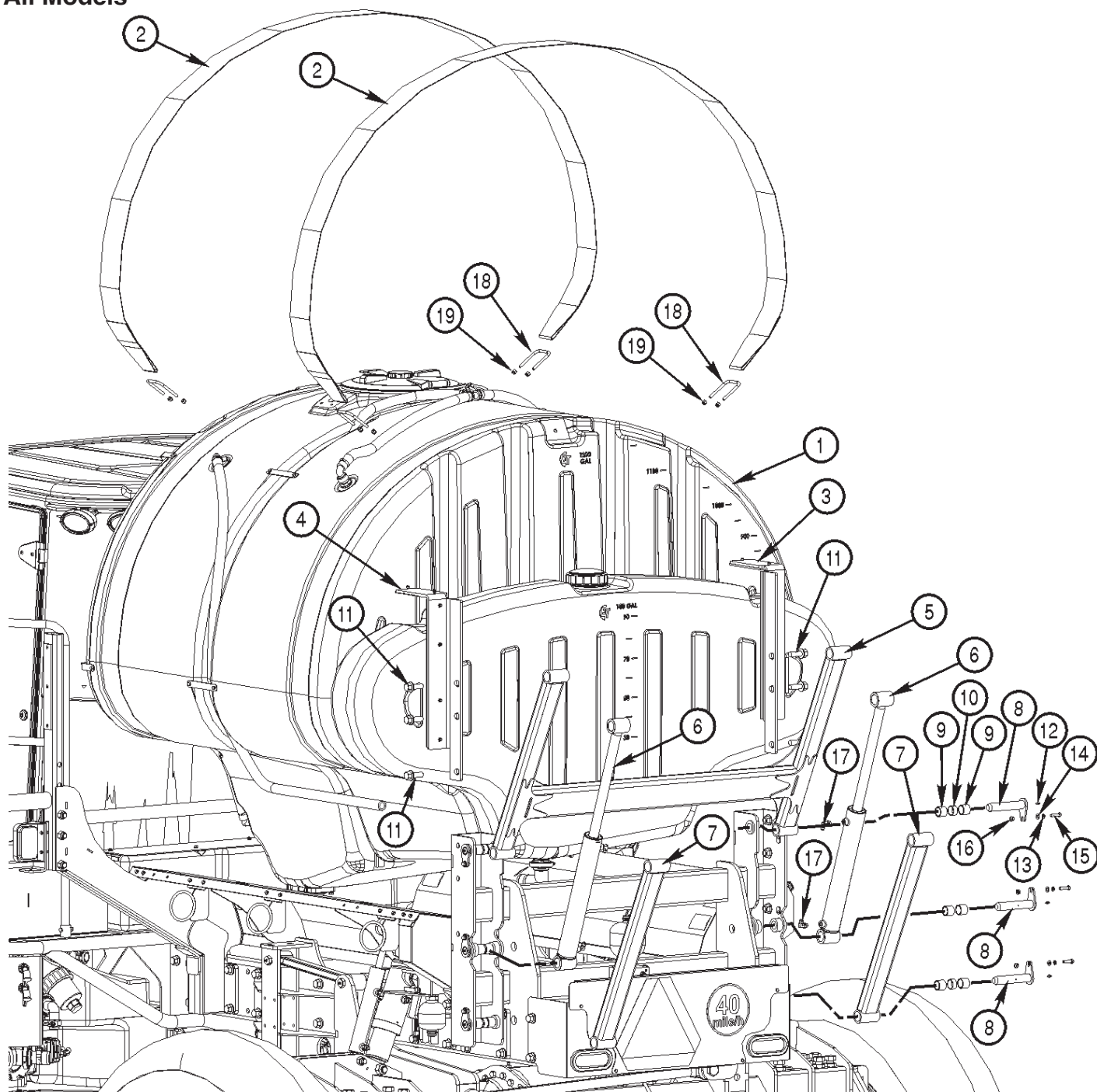
All Models



Item	Part Number	Qty	Description	Comments
1	611000074	1	Radar Unit	
2	900002610	4	Bolt, HHCS 5/16-18 x 1 G5 ZP	
3	901000715	4	Nut, FHNT 5/16-18 G5 ZP	
4	902201095	4	Washer, Lock 5/16" ZP	
5	902003195	4	Washer, Flat 5/16 G5 ZP	
	700000000	1	Connector, Raven Radar	Not Shown

Product Tank, Rinse Tank and Parallel Arm Mounting

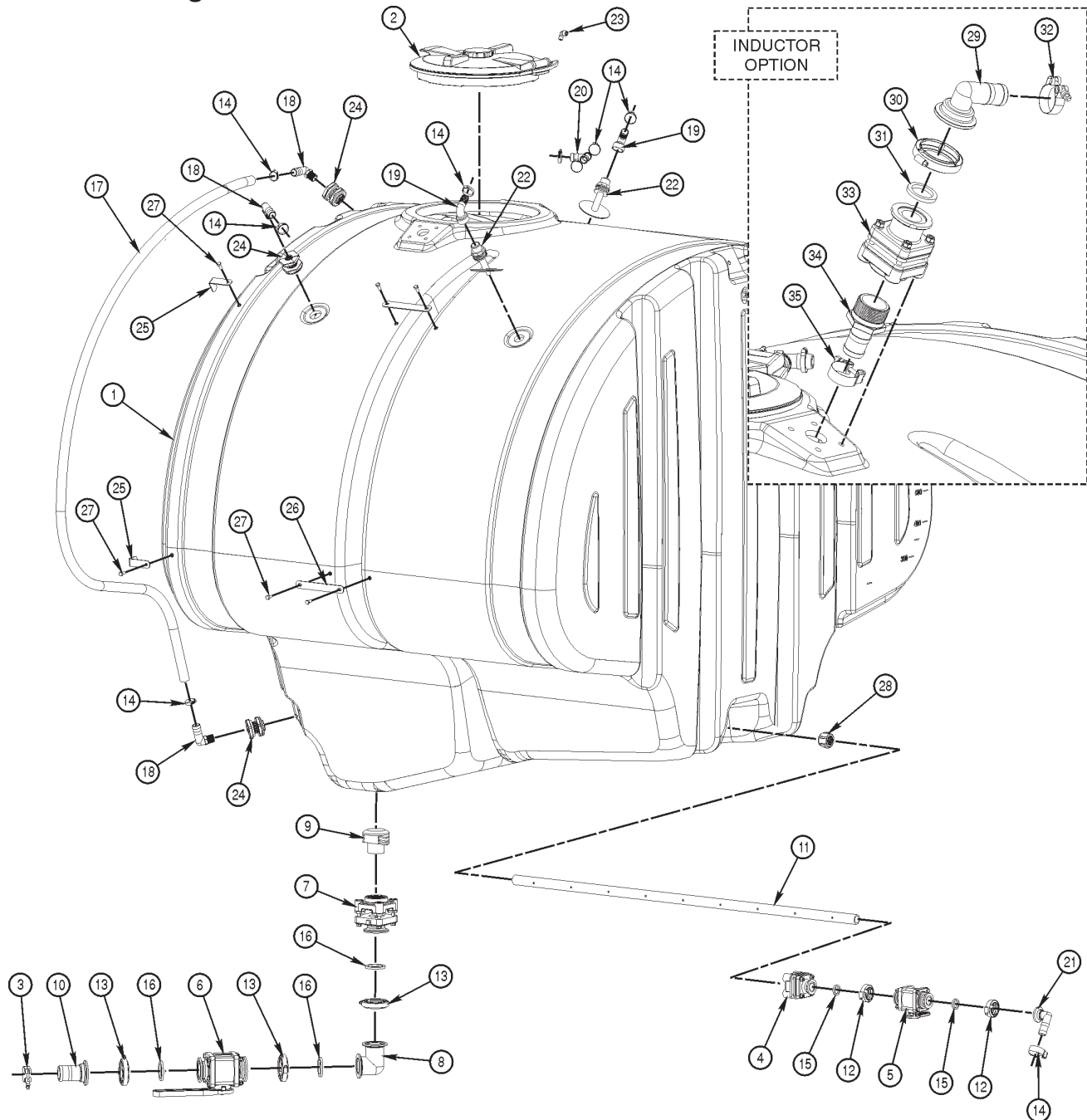
All Models



Item	Part Number	Qty	Description	Comments
1A	620000460	1	Tank, Poly, 750 Gallon	
1B	620000461	1	Tank, Poly, 1000 Gallon	
1C	620000462	1	Tank, Poly, 1200 Gallon	
1D	620000465	1	Tank, Stainless, 750 Gallon	
1E	620000466	1	Tank, Stainless, 1000 Gallon	
1F	620000467	1	Tank, Stainless, 1200 Gallon	
2A	620007662	2	Strap, 750 Poly, 2011 5" x 132.5" Long	
2B	620007663	2	Strap, 1000 Poly, 2011, 5" x 148.25" Long	
2C	620007664	2	Strap, 1200 Poly, 2011, 5" x 163.75" Long	
3	601000058	1	Rinse Tank Hold Down R/H	
4	601000059	1	Rinse Tank Hold Down L/H	
5	601000021	1	H-Bar	
6	600901406	2	Cylinder, Boom Rack Up/Down, 16.25" Stroke, Double Acting	Seal Kit P/N 600901408
7	601000031	2	Parallel Arm	
8	601000050	12	Flag Pin, Parallel Arm	
9	601000040	24	Bushing, Bronze	
10	601000041	10	Bushing Spacer Parallel Arm	
11	100100006	6	Bolt, 3/4-10 x 2 Salt Bath	
12	915003000	12	Zerk 1/8 NPT Straight	
13	902201090	12	Washer, Lock 3/8" ZP	
14	902003200	12	Washer, Flat 3/8" ZP	
15	900002835	12	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
16	901101201	6	Nut, Spin Lock 3/8-16 G5	
17	800404215	4	Fitting, 6 FLF x 6 ORM 90	
18	915002525	4	U-Bolt Tank Strap 3/8-16 Thread 3.125 Wide 3.75 Tall	Poly Tanks Only
19	901003020	8	Nut, Nylock 3/8-16	

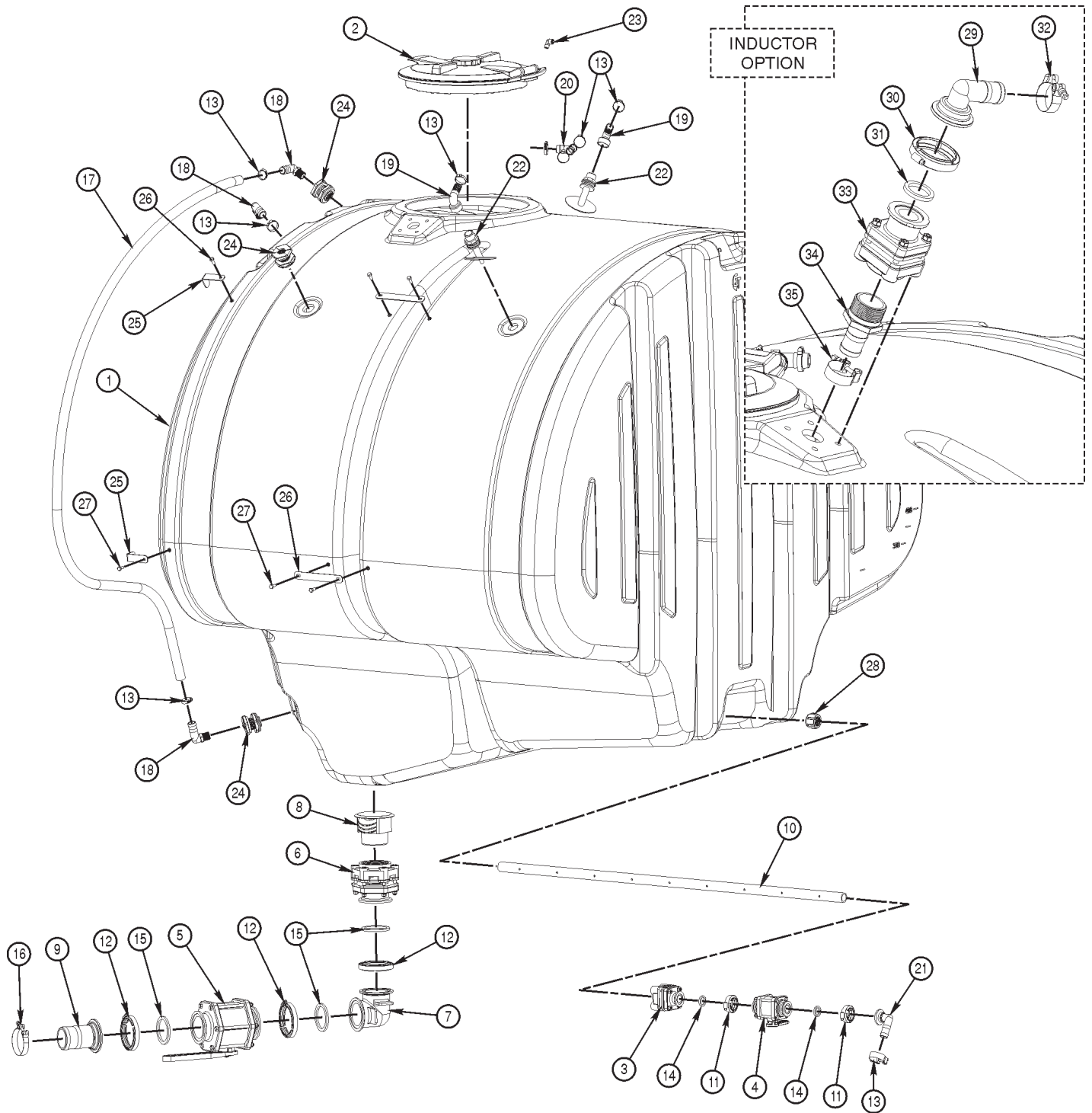
Poly Product Tank

Standard Plumbing



Item	Part Number	Qty	Description	Comments
1A	620000460	1	Tank, Poly, 750 Gallon	
1B	620000461	1	Tank, Poly, 1000 Gallon	
1C	620000462	1	Tank, Poly, 1200 Gallon	
2	620005026	1	Lid, 16" Assembly, Product Tank	
3	915003300	1	Clamp, 2" TC 231	
4	640100075	1	Fitting, Tank Flange 1" Banjo	
5	640100077	1	Valve, Ball 1" Banjo	
6	640100001	1	Valve, 2" Full Port Banjo	
7	640100054	1	Fitting, 2" Bottom Drain Full Port Banjo	
8	640100003	1	Fitting, Elbow 90 2" Banjo	
9	640100030	1	Fitting, 2" Anti Siphon	
10	640100005	1	Fitting, 2 Hose Barb Banjo	
11	620000451	1	Agitation Tube	
12	640100015	2	Clamp, 1" Banjo	
13	640100011	3	Clamp, 2" Full Port Banjo	
14	915000500	9	Clamp, Screw #16 x 1"	
15	640100016	2	Gasket, 1" Banjo	
16	640100012	3	Gasket, 220 Full Port Banjo	
17	RM800980	12 ft	Hose, Clear 1.00" ID	
18	640000620	3	Fitting, 0.75" Pipe to 1" Hose Elbow 90 Degree	
19	620000201	2	Fitting, Rotoflush Elbow	
20	640000475	1	Tee, Hose Barb 1"	
21	640100023	1	Fitting, 1" BRB x 1" Flange 90 Banjo	
22	620000200	2	Roto Flush Nozzle	
23	640020000	1	Fitting, 1/4" Popit 90 Degree	
24	640000050	3	Flange Assembly Tank Poly	
25	620000119	2	Strap Bar, Sight Hose	
26	620000120	2	Strap Bar, Rotoflush Hose	
27	900000612	6	Bolt, HHCS 5/16-18 x 1/2 G5	
28	640000100	1	Cap, 1" Poly	
29	640100085	1	Fitting, 2" Standard Port Flange x 1.5" BRB 90	
30	640100013	1	Clamp, 2" Standard Port Banjo	
31	640100014	1	Gasket, 2" Standard Port Banjo	
32	915003175	1	Clamp, 1 5/16" TC 181	
33	640100148	1	Fitting, Tank Flange 2" STD Manifold	
34	640000470	1	Hose Barb 2" Pipe To 1.5" Hose	
35	915003201	1	Clamp, 1 1/4" TC 162	
	K65000196		Kit, Chemical Inductor Poly Tank	
	K65000211		Kit, Chemical Inductor Stainless Tank	

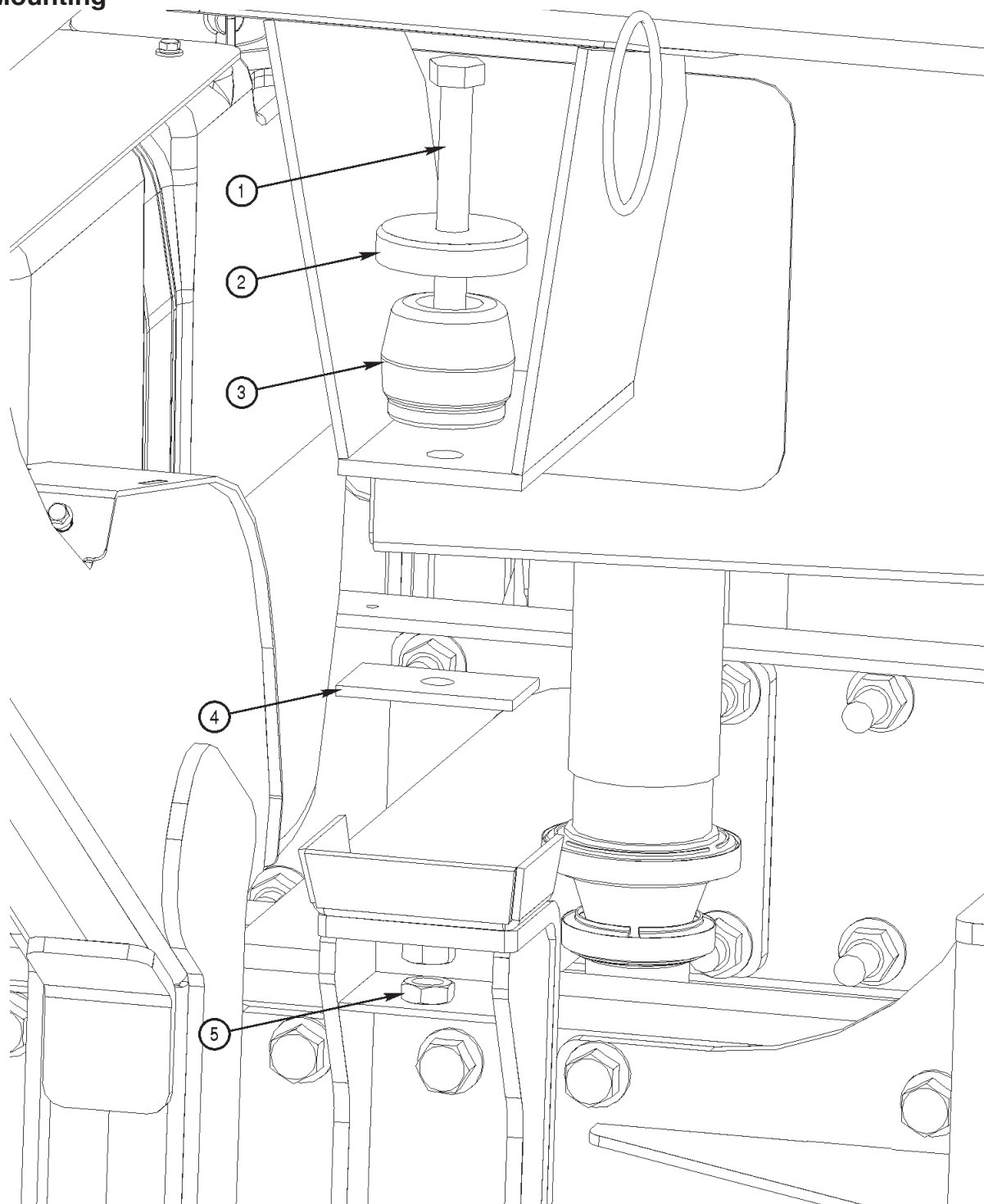
Quick Fill Plumbing



Item	Part Number	Qty	Description	Comments
1A	620000460	1	Tank, Poly, 750 Gallon	
1B	620000461	1	Tank, Poly, 1000 Gallon	
1C	620000462	1	Tank, Poly, 1200 Gallon	
2	620005026	1	Lid, 16" Assembly, Product Tank	
3	640100075	1	Fitting, Tank Flange 1" Banjo	
4	640100077	1	Valve, Ball 1" Banjo	
5	640100061	1	Valve, Ball 3" Flange Banjo	
6	640100128	1	Fitting, 3" Bottom Drain	
7	640100050	1	Fitting, 3 x 3 Flange 90 Banjo	
8	640100129	1	Fitting, 3" Anti Siphon	
9	640100048	1	Fitting, 3" Flange 3" HB Banjo	
10	620000451	1	Agitation Tube	
11	640100015	2	Clamp, 1" Banjo	
12	640100028	3	Clamp, 3" Banjo	
13	915000500	9	Clamp, Screw #16 1"	
14	640100016	2	Gasket, 1" Banjo	
15	640100027	3	Gasket, 300 EPDM Banjo	
16	915003301	1	Clamp, 3" TC 331	
17	RM800980	12 ft	Hose, Clear 1.00" ID	
18	640000620	3	Fitting, 0.75 Pipe To 1" Hose Elbow 90 Degree	
19	620000201	2	Fitting, Rotoflush Elbow	
20	640000475	1	Tee, Hose Barb 1"	
21	640100023	1	Fitting, 1" BRB x 1" Flange 90 Banjo	
22	620000200	2	Roto Flush Nozzle	
23	640020000	1	Fitting, 1/4" Popit 90 Degree	
24	640000050	3	Flange Assembly Tank Poly	
25	620000119	2	Strap Bar, Sight Hose	
26	620000120	2	Strap Bar, Rotoflush Hose	
27	900000612	6	Bolt, HHCS 5/16-18 x 1/2 G5	
28	640000100	1	Cap, 1" Poly	
29	640100085	1	Fitting, 2" Standard Port Flange x 1.5" BRB90	
30	640100013	1	Clamp, 2" Standard Port Banjo	
31	640100014	1	Gasket, 2" Standard Port Banjo	
32	915003175	1	Clamp, 1 5/16 TC 181	
33	640100148	1	Fitting, Tank Flange 2" STD Manifold	
34	640000470	1	Hose Barb 2" Pipe To 1.5" Hose	
35	915003201	1	Clamp, 1 1/4" TC 162	
	K65000196		Kit, Chemical Inductor Poly Tank	
	K65000211		Kit, Chemical Inductor Stainless Tank	

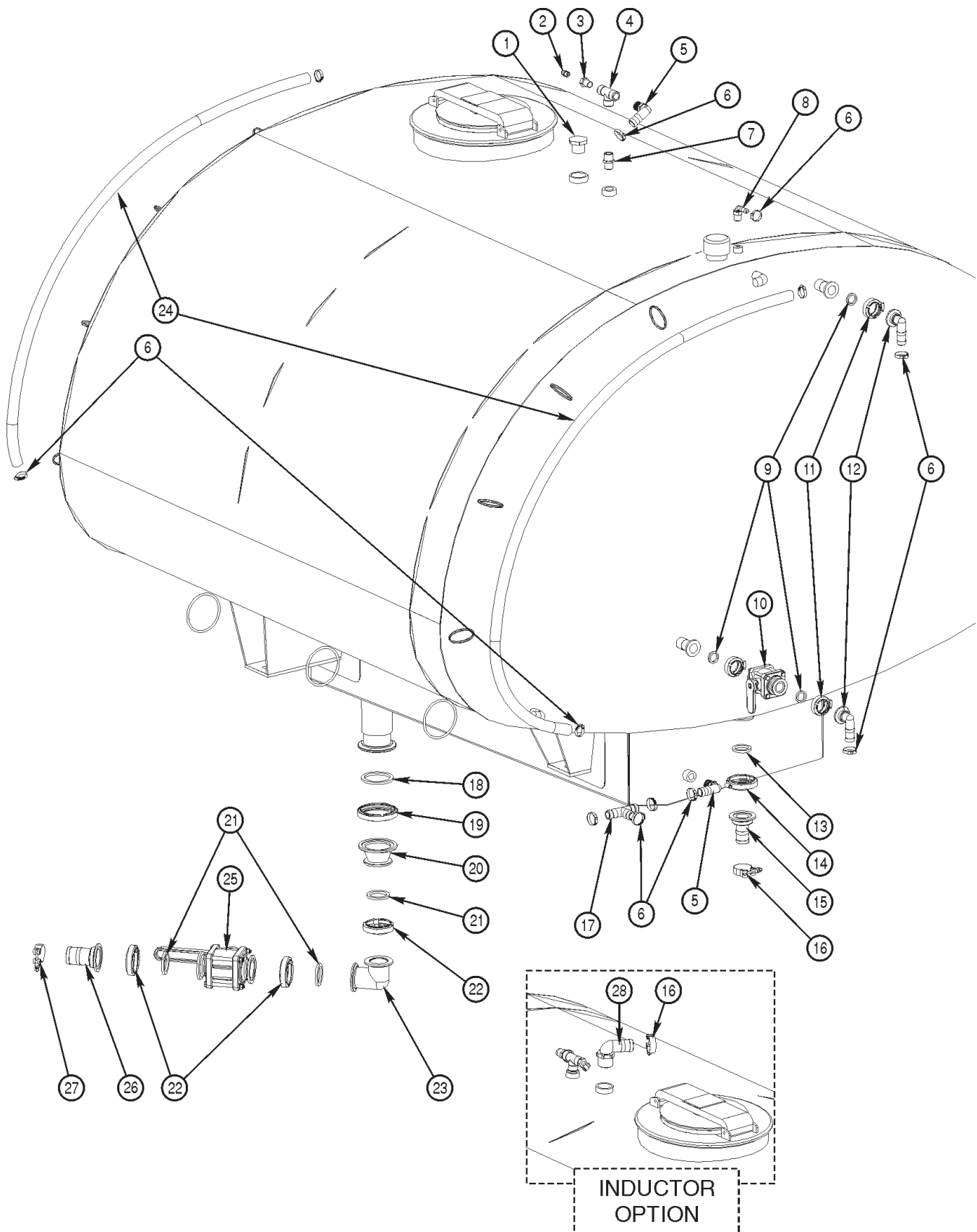
Stainless Steel Product Tank

Tank Mounting



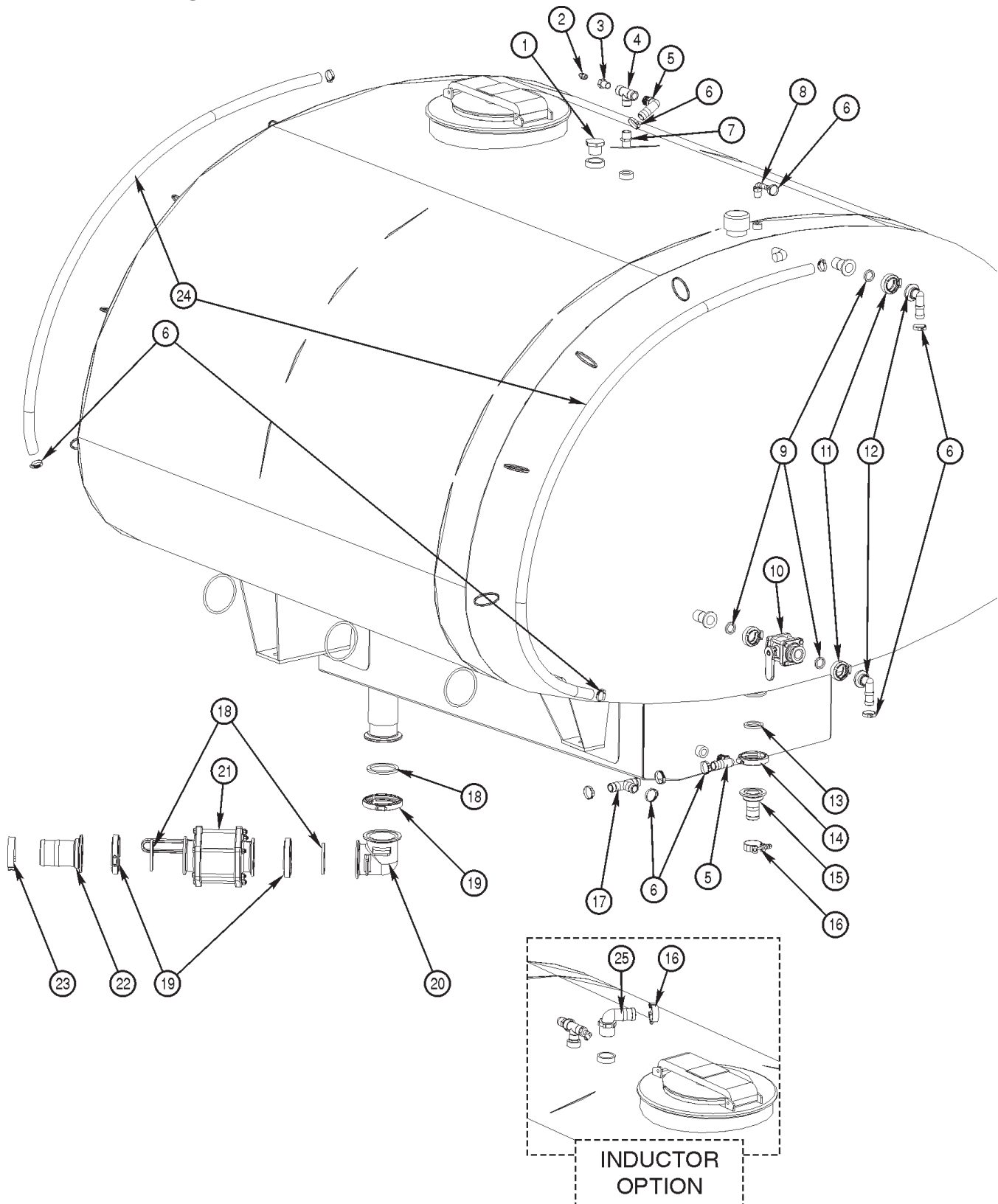
Item	Part Number	Qty	Description	Comments
1	900004014	4	Bolt, HHCS 3/4-10 x 6" G8	
2	100100400	4	Cap Retainer 3.5" x 0.5"	
3	690000027	4	Bumper, SS Tank Mount	
4	690000026	4	Pad, SS Tank	
5	901008002	4	Nut, Jam 3/4-10 G8	

Standard Plumbing



Item	Part Number	Qty	Description	Comments
1	640001045	1	Plug, 1 1/2"	
2	640020000	1	Fitting, 1/4 Popit 90 Degree	
3	640020007	1	Bushing, Reducer 3/4" To 1/4"	
4	640100201	1	3/4" Poly Tee	
5	640000620	2	Fitting, 0.75 Pipe to 1 Hose Elbow 90 Degree	
6	915000500	11	Clamp, Screw #16 1"	
7	640000718	1	Nipple, 3/4 Short Poly	
8	640000410	1	Hose Barb 1/2" x 90 Degree	
9	640100016	3	Gasket, Clamp 1" Banjo	
10	640100077	1	Valve, Ball 1" Banjo	
11	640100015	3	Clamp, 1" Banjo	
12	640100023	2	Fitting, 1" Barb x 1" Flange 90 Banjo	
13	640100014	1	Gasket, 2" Standard Port Banjo	
14	640100013	1	Clamp, 2" Standard Port Banjo	
15	640100018	1	Fitting, 2" Flange 1 1/2" Hose Banjo	
16	915003300	2	Clamp, 2" TC 231	
17	640000475	1	Tee, Hose Barb 1"	
18	640100027	1	Gasket, 300 EPDM Banjo	
19	640100028	1	Clamp, 3" Banjo	
20	640100047	1	Fitting, 3 x 2 Flange Full Port Reducer	
21	640100012	3	Gasket, 220 Full Port Banjo	
22	640100011	3	Clamp, 2" Full Port Banjo	
23	640100003	1	Fitting, Elbow 90 2" Banjo	
24	RM800980	A/R	Hose, Clear 1.00" ID	Sold by the foot
25	640100001	1	Valve, 2" FP Plastic Banjo	
26	640100005	1	Fitting, 2 Hose Barb Banjo	
27	915003300	1	Clamp, 2" TC 231	
28	640000530	1	Hose Barb 1 1/2" 90 Degree	

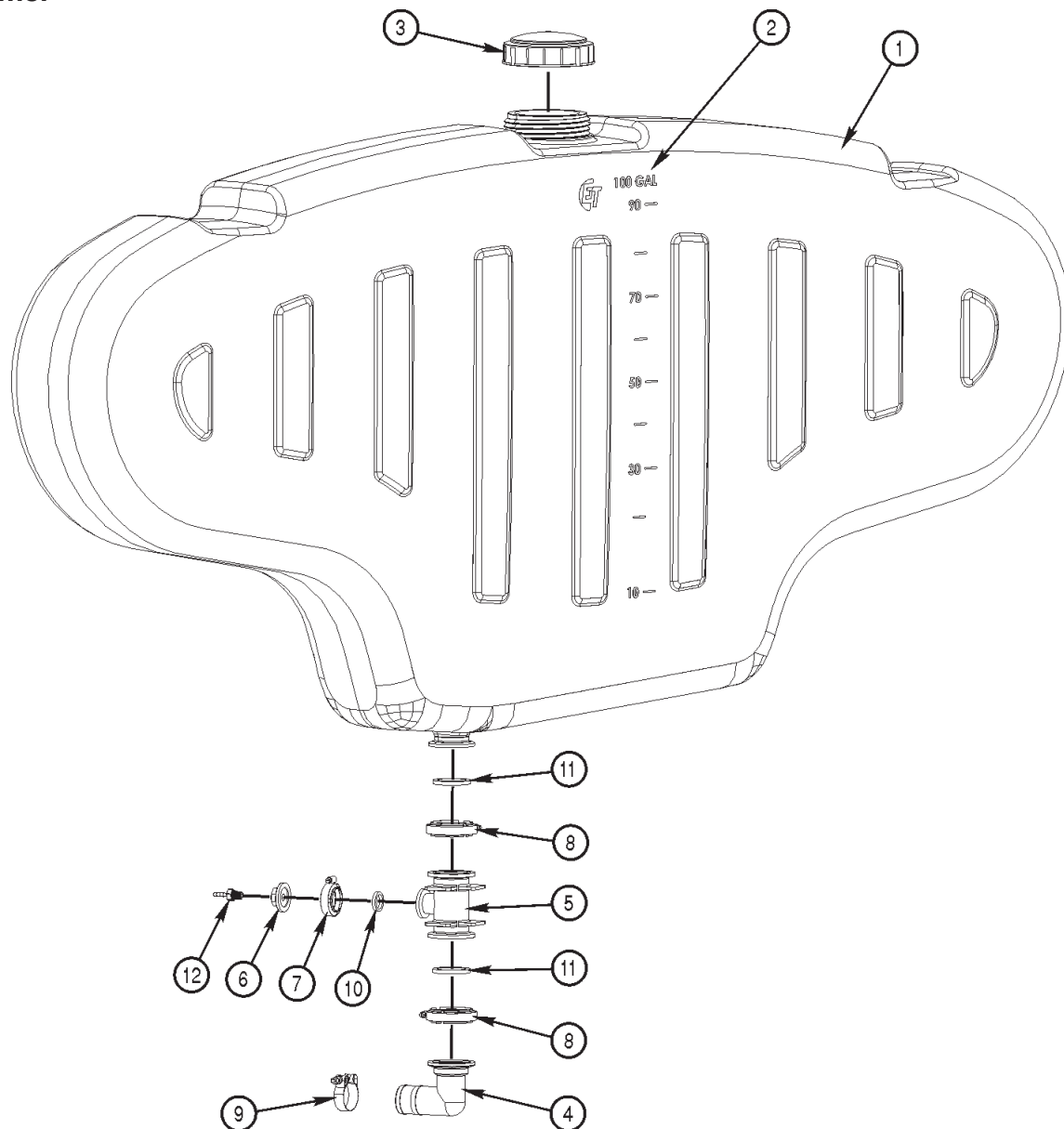
Quick Fill Plumbing



Item	Part Number	Qty	Description	Comments
1	640001045	1	Plug, 1 1/2"	
2	640020000	1	Fitting, 1/4 Popit 90 Degree	
3	640020007	1	Bushing, Reducer 3/4" To 1/4"	
4	640100201	1	3/4" Poly Tee	
5	640000620	2	Fitting, 0.75 Pipe to 1 Hose Elbow 90 Degree	
6	915000500	11	Clamp, Screw #16 1"	
7	640000718	1	Nipple, 3/4 Short Poly	
8	640000410	1	Hose Barb 1/2" x 90 Degree	
9	640100016	3	Gasket, Clamp 1" Banjo	
10	640100077	1	Valve, Ball 1" Banjo	
11	640100015	3	Clamp, 1" Banjo	
12	640100023	2	Fitting, 1" Barb x 1" Flange 90 Banjo	
13	640100014	1	Gasket, 2" Standard Port Banjo	
14	640100013	1	Clamp, 2" Standard Port Banjo	
15	640100018	1	Fitting, 2" Flange 1 1/2" Hose Banjo	
16	915003300	2	Clamp, 2" TC 231	
17	640000475	1	Tee, Hose Barb 1"	
18	640100027	3	Gasket, 300 EPDM Banjo	
19	640100028	3	Clamp, 3" Banjo	
20	640100050	1	Fitting, 3 x 3 Flange 90 Banjo	
21	640100061	1	Valve, Ball 3" Flange Banjo	
22	640100048	1	Fitting, 3" Flange 3" HB Banjo	
23	915003175	1	Clamp 1 5/16 TC 181	
24	RM800980	A/R	Hose, Clear 1.00" ID	Sold by the foot
25	640000530	1	Hose Barb 1 1/2" 90 Degree	

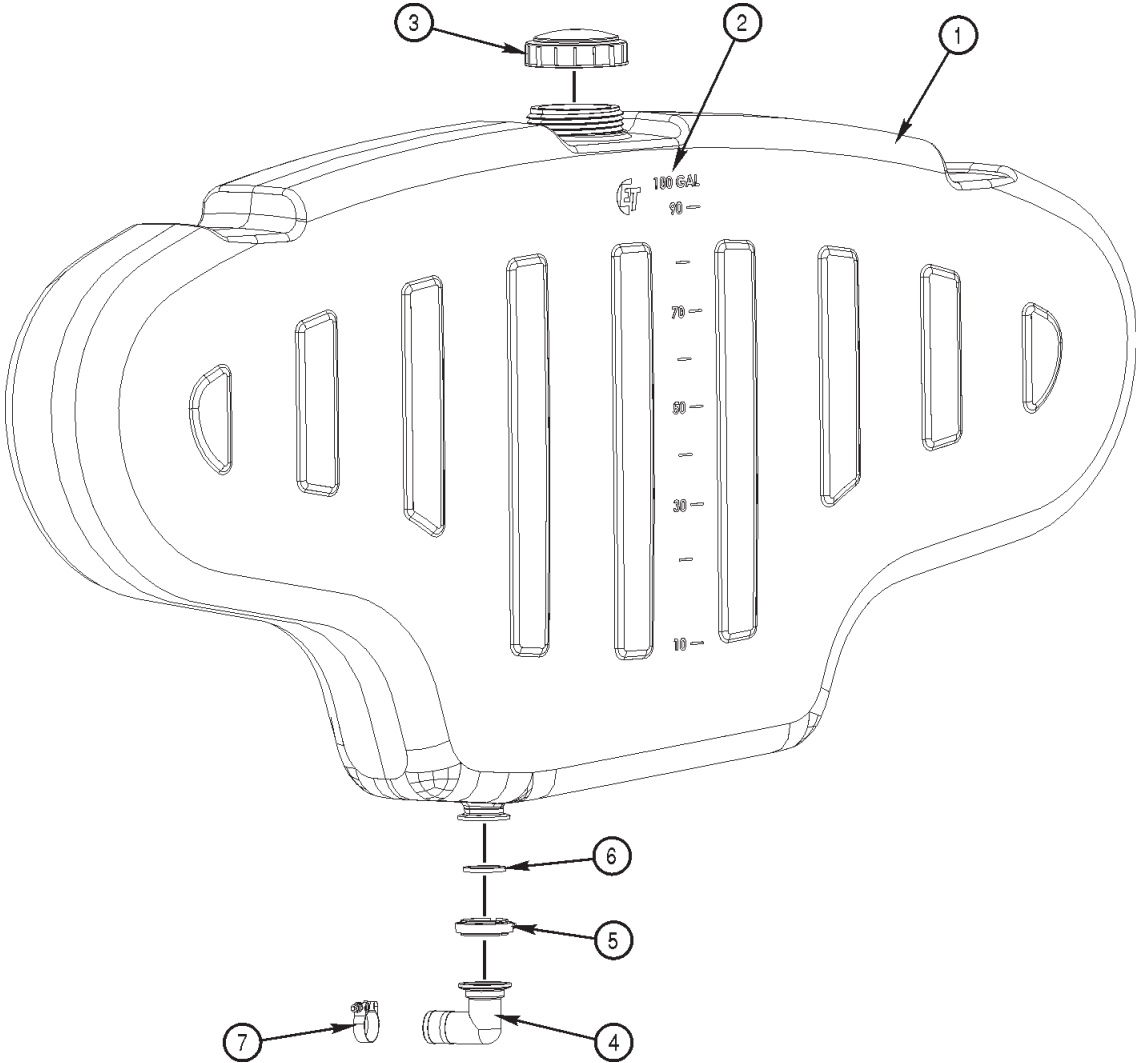
Rinse Tank

With Foamer



Item	Part Number	Qty	Description	Comments
1	620000470	1	Tank, Rinse 100 Gallon	
2	620000479	1	Decal, Rinse Tank	
3	620005027	1	Lid, 6", Rinse	
4	640400009	1	Elbow 2" Full Port To 1.5 Hose Barb 90	
5	640400007	1	Tee, 2" Full Port To 1"	
6	640400011	1	Cap, 1" With 1/4" Port	
7	640100015	1	Clamp, 1" Banjo	
8	640100011	2	Clamp, 2" Full Port Banjo	
9	915003175	1	Clamp, 1 5/16 TC 181	
10	640100016	1	Gasket, 1" Banjo	
11	640100012	2	Gasket, 220 Full Port Banjo	
12	640100137	1	Hose Barb 1/4" MPT To 1/4" Barb	
	K65000197		Kit, Foam Marker, Combo Boom	
	K65000198		Kit, Foam Marker, Straight Boom	

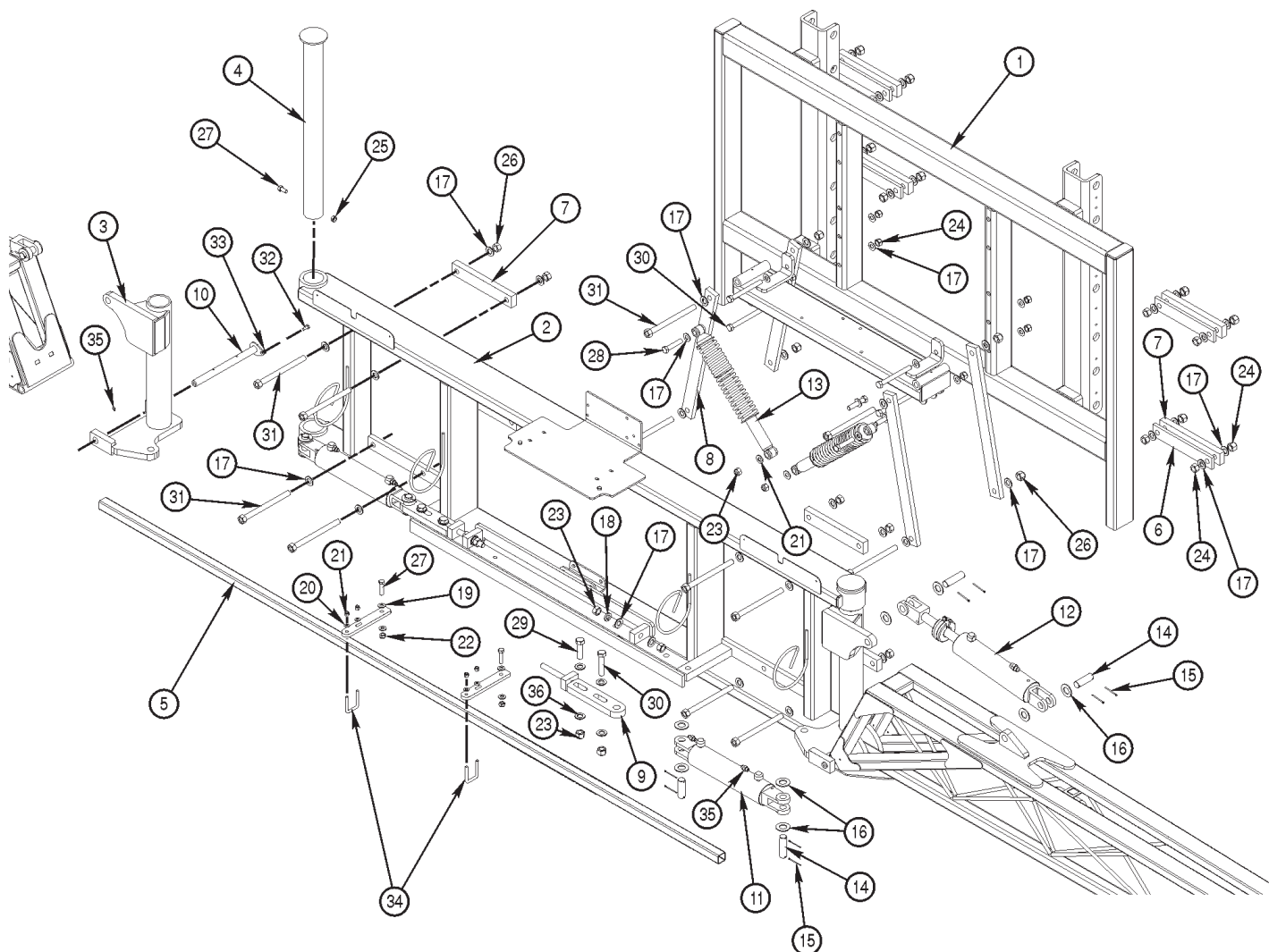
Without Foamer



Item	Part Number	Qty	Description	Comments
1	620000470	1	Tank, Rinse 100 Gallon	
2	620000479	1	Decal, Rinse Tank	
3	620005027	1	Lid, 6", Rinse	
4	640400009	1	Elbow 2" Full Port to 1.5 Hose Barb 90	
5	640100011	1	Clamp, 2" Full Port Banjo	
6	640100012	1	Gasket, 220 Full Port Banjo	
7	915003175	1	Clamp, 1 5/16" TC 181	

Boom Suspension and Hydraulics

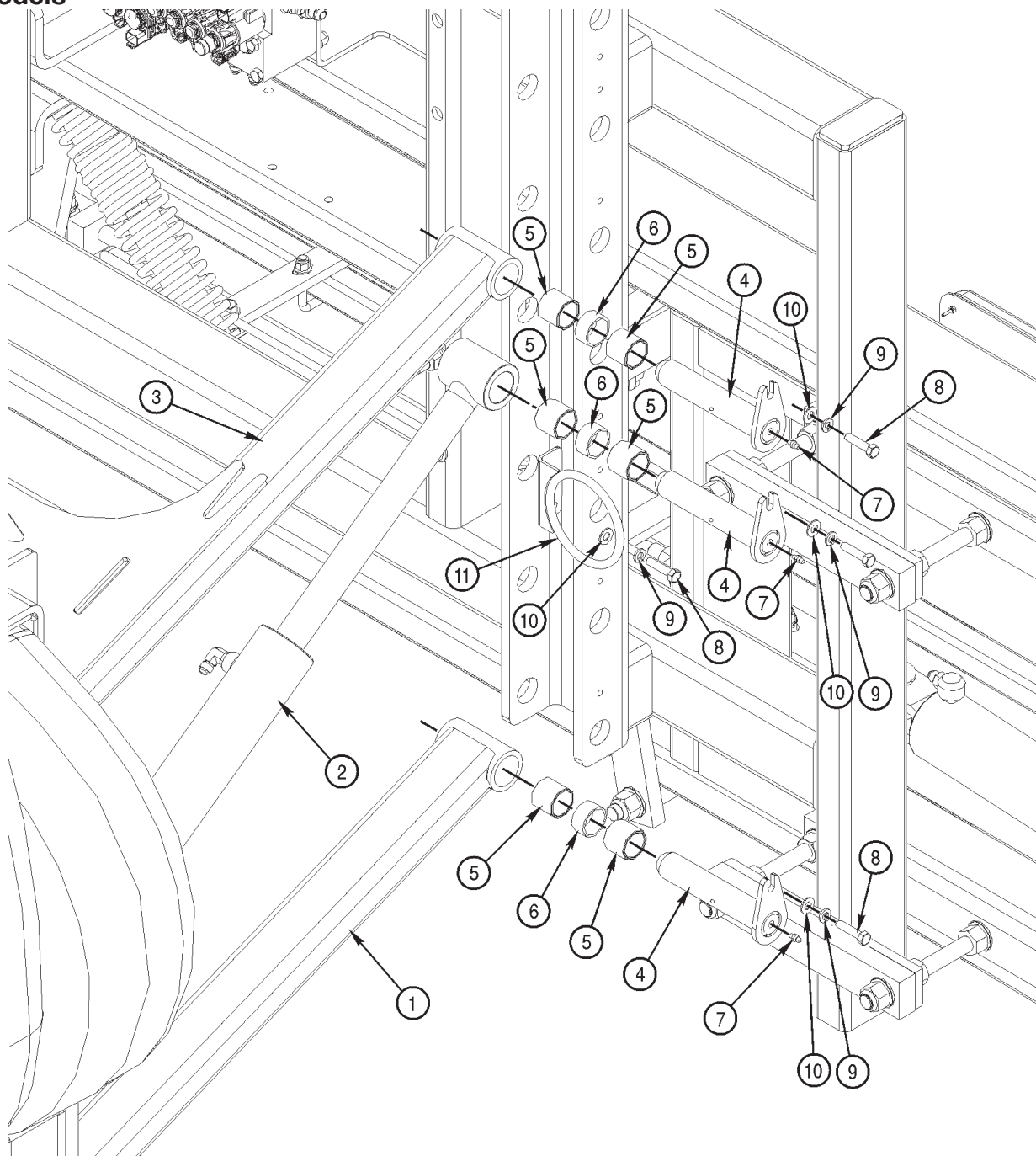
All Models



Item	Part Number	Qty	Description	Comments
1	600901016	1	Frame, Rear Center Section	
2	600901015	1	Boom, Center Section	
3A	600901092	1	Tube, Pivot L/H	
3B	600901093	1	Tube, Pivot R/H	
4	600901010	2	Pin, Boom Pivot	
5	600901005	1	Rear Spray Bar	
6	600901020	4	Wear Pad, Nylon 1/2" Thick	
7	600901030	4	Mount Plate, Steel 1" Thick	
8	600901122	4	Link, Back Rack Four Bar	
9	600901091	2	Adjuster Clevis, Boom	
10	600901124	2	Pin, Flag Inner Boom Pivot	
11	600901510	2	Cylinder, 3 x 10 Boom Fold	Seal Kit P/N 600901515
12	600901510	2	Cylinder, 3 x 10 Boom Tilt	Seal Kit P/N 600901515
13	600901251	2	Shock, Boom Center Section	
14	600901519	4	Pin, Cylinder 1" x 3" Barrel End	
15	600901521	16	Pin, Cotter	
16	902003080	16	Washer, Flat 1"	
17	902003001	16	Washer, Flat 3/4 SAE	
18	902351000	2	Washer, Lock 3/4 SAE	
19	902003210	2	Washer, Flat 1/2 ZP	
20	902003200	4	Washer, Flat 3/8 ZP	
21	901003020	4	Nut, Nylock 3/8-16 ZP	
22	901003040	2	Nut, Nylock 1/2-13 ZP	
23	900100038	4	Nut, Lug Euclid 3/4-16 with cone	
24	901003074	8	Nut, Nylock 3/4-10 ZP	
25	901003040	2	Nut, Nylock 1/2-13 ZP	
26	901000779	16	Nut, Hex 3/4-10 ZP	
27	900003270	4	Bolt, HHCS 1/2-13 x 2	
28	900004011	4	Bolt, HHCS 9/16-12 x 3.00 G5	
29	901000877	2	Bolt, HHCS 3/4-16 x 3 1/2 G8	
30	901000878	2	Bolt, HHCS 3/4-16 x 4 G8	
31	600901123	8	Bolt, 3/4-10, Full Thread 9 1/4" Long	
32	900002405	2	Bolt, HHCS 1/4-20 x 1" G5 ZP	
33	902003035	2	Washer, Flat 1/4" ZP	
34	600901007	2	U-Bolt, Rear Spray Bar	
35	800302022	4	Fitting, 6 FLM x 6 ORM	
36	902000100	8	Washer, Flat 3/4" Grade 8	

Back Rack Mounting

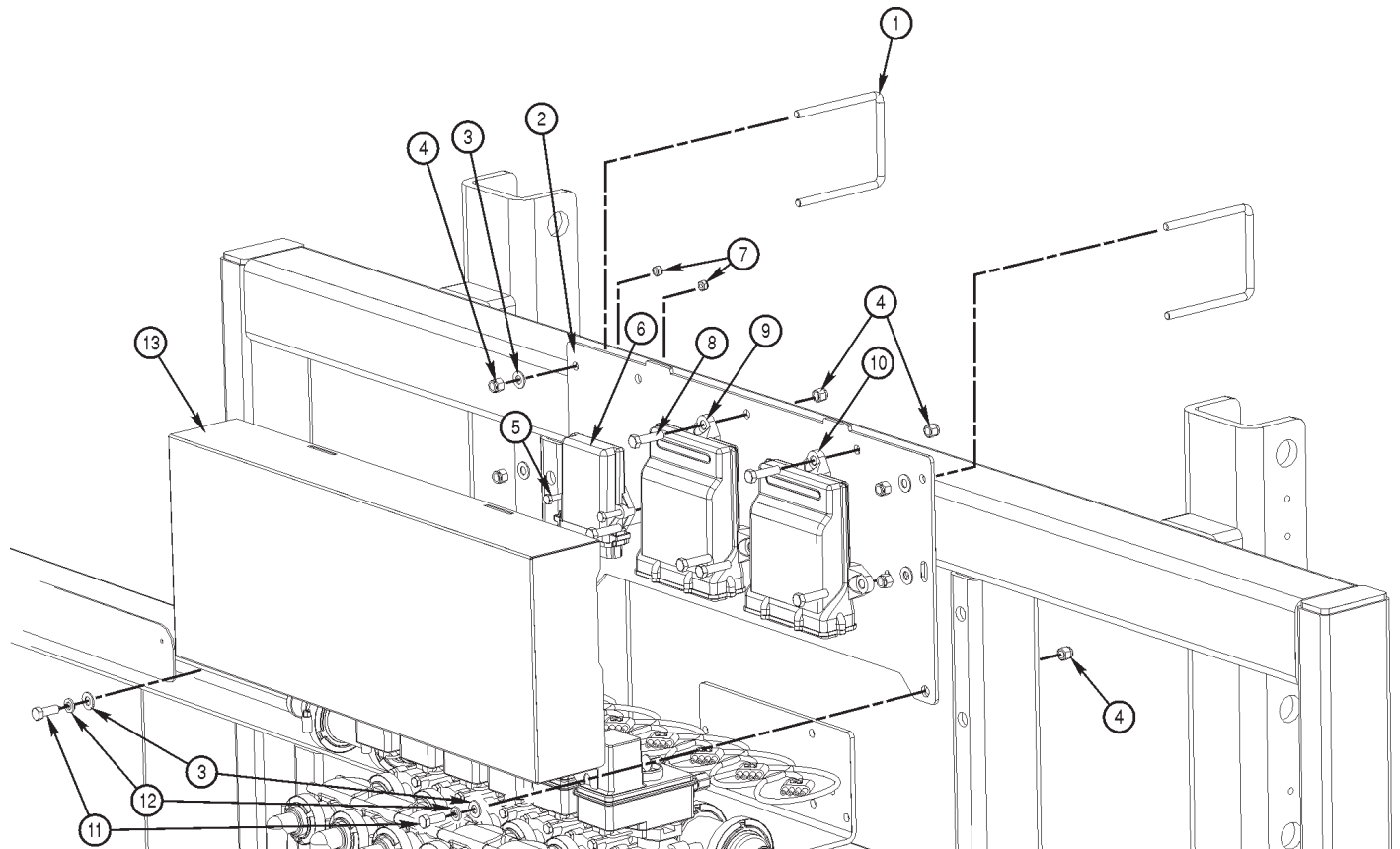
All Models



Item	Part Number	Qty	Description	Comments
1	601000031	2	Parallel Arm	
2	600901406	2	Cylinder, Boom Rack Up/Down, 16.25" Stroke, Double Acting	Seal Kit P/N 600901408
3	601000021	1	H-Bar	
4	601000050	12	Flag Pin, Parallel Arm	
5	601000040	24	Bushing, Bronze	
6	601000041	10	Bushing, Spacer Parallel Arm	
7	915003000	12	Zerk 1/8 NPT Straight	
8	900002835	12	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
9	902201090	12	Washer, Lock 3/8" ZP	
10	902003200	12	Washer, Flat 3/8" ZP	
11	690000303	1	Bracket, Product Hose Hanger	

Raven Options

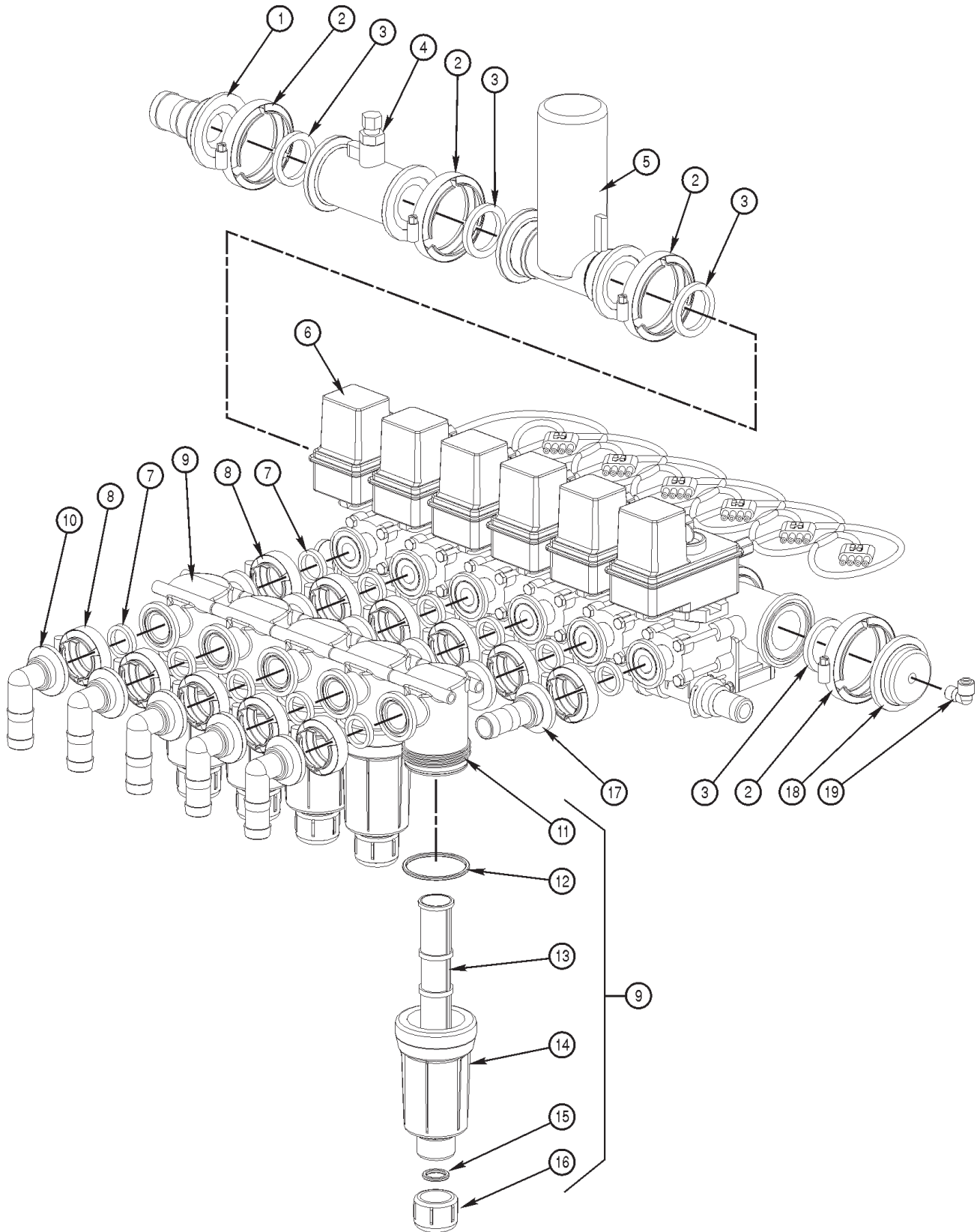
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	690000017	2	U-Bolt, 3/8-16 x 4 W x 5 L	
2	690000013	1	Bracket, Node Mounting	
3	902003045	2	Washer, Flat 3/8	
4	901003020	10	Nut, Nylock 3/8-16 ZP	
5	900002406	2	Bolt, HHCS 1/4-20 x 1 1/4" G5	
6	740000102	1	Product Node	
7	901003000	2	Nut, Nylock 1/4-20 ZP	
8	900006604	6	Bolt, HHCS 3/8-16 x 1 1/4	
9A	611000163	1	Node, PowerGlide AutoBoom	
9B	611000164	1	Node, UltraGlide AutoBoom	
10	740000071	1	Node, AccuBoom	
11	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
12	900002806	2	Washer, Lock 3/8	
13	690000015	1	Cover, Node Mounting, Back Rack	

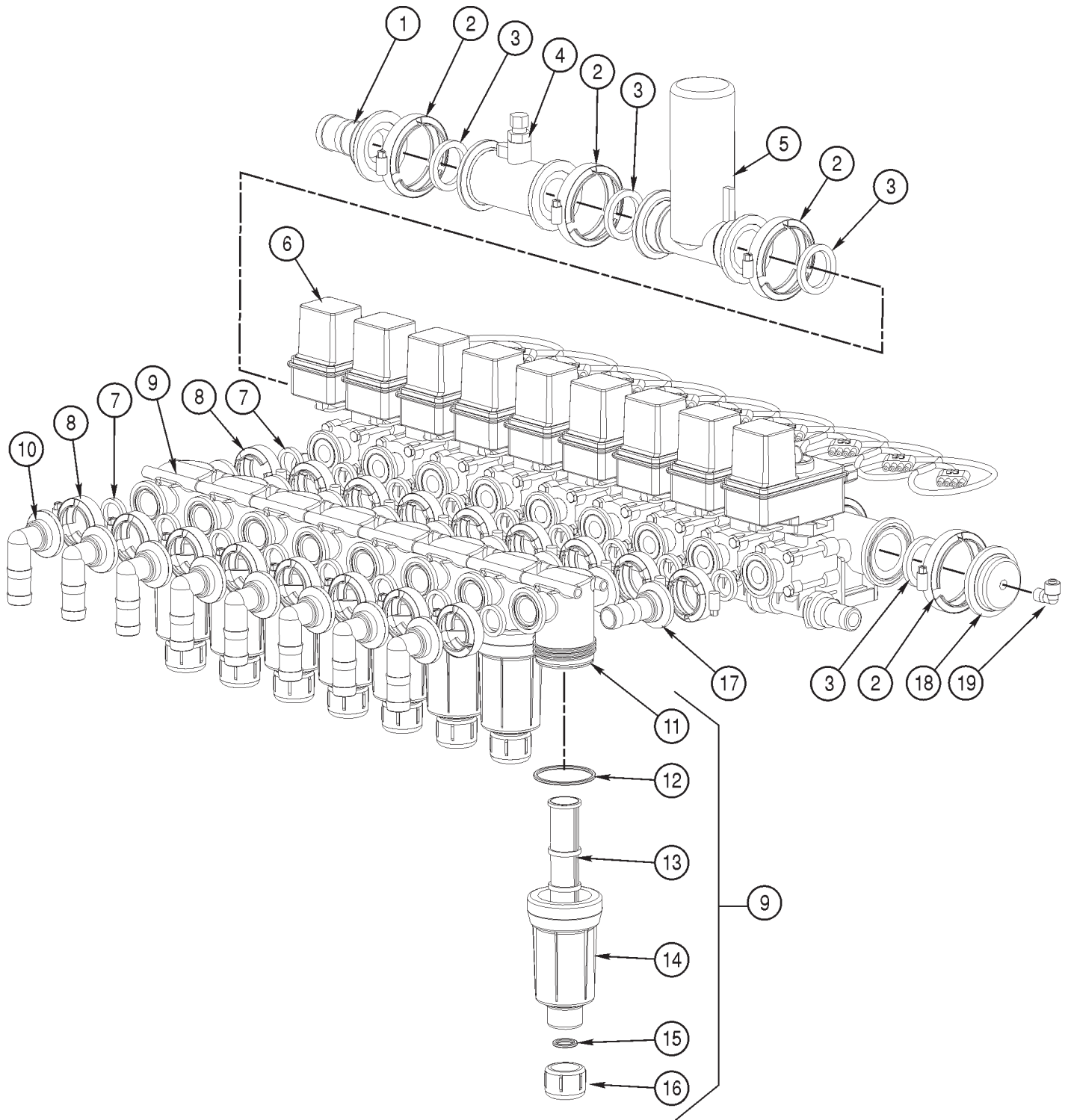
Boom Valve

5-Section Block



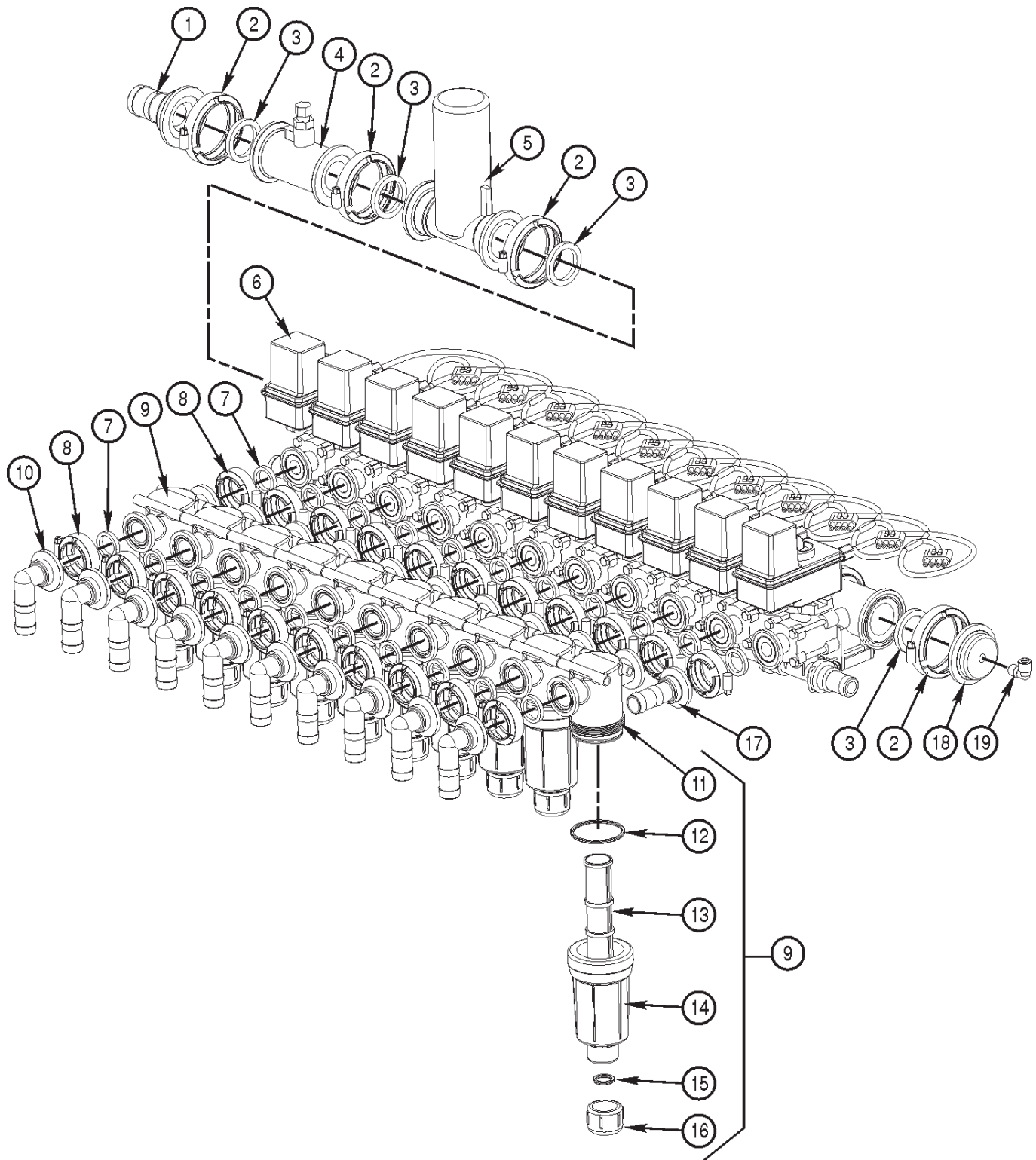
Item	Part Number	Qty	Description	Comments
1	640100018	1	Fitting, 2" Flange x 1 1/2 Hose Banjo	
2	640100013	4	Clamp, 2" Standard Port Banjo	
3	640100014	4	Gasket, 2" Standard Port Banjo	
4	611000052	1	Flow Meter with Sensor Raven 60P	Sensor only Part # 611000069
5	611000053	1	Servo Valve	
6A	660000920	1	Assembly, Teejet Boom Valve 5 Bank	
6B	660000906	A/R	Assembly, Teejet Boom Valve Single	
6C	660000907	A/R	Teejet, Boom Valve, Motor Only	
6D	660000924	A/R	Teejet, Ball Valve Only	
7	640100016	11	Gasket, Clamp 1" Banjo	
8	640100015	11	Clamp 1" Banjo	
9	660000901	5	Assembly, Tee Jet Strainer	Includes items 11, 12, 13, 14,15 and 16.
10	640100023	5	Fitting, 1 Barb x 1 Flange 90 Banjo	
11	660000911	5	Strainer Head, Teejet Flanged 50-Series	
12	660000908	10	Gasket, 1" Teejet Strainer Top	
13	660000910	5	Strainer, 50 Mesh 1" Teejet	
14	660000912	5	Strainer Bowl, Teejet 1" NPT	
15	660000909	10	Gasket, 1" Teejet Strainer Bottom	
16	660000913	5	Strainer Cap, Teejet	
17	640100053	1	Fitting, Hose Barb 1" Banjo	
18	640100038	1	Plug Access 2" x 1/4 NPT Banjo	
19	640020000	1	Fitting 1/4" Popit 90 Degree	
	700000004	1	Connector, Flowmeter on Machine Side	Not Shown

8-Section Block



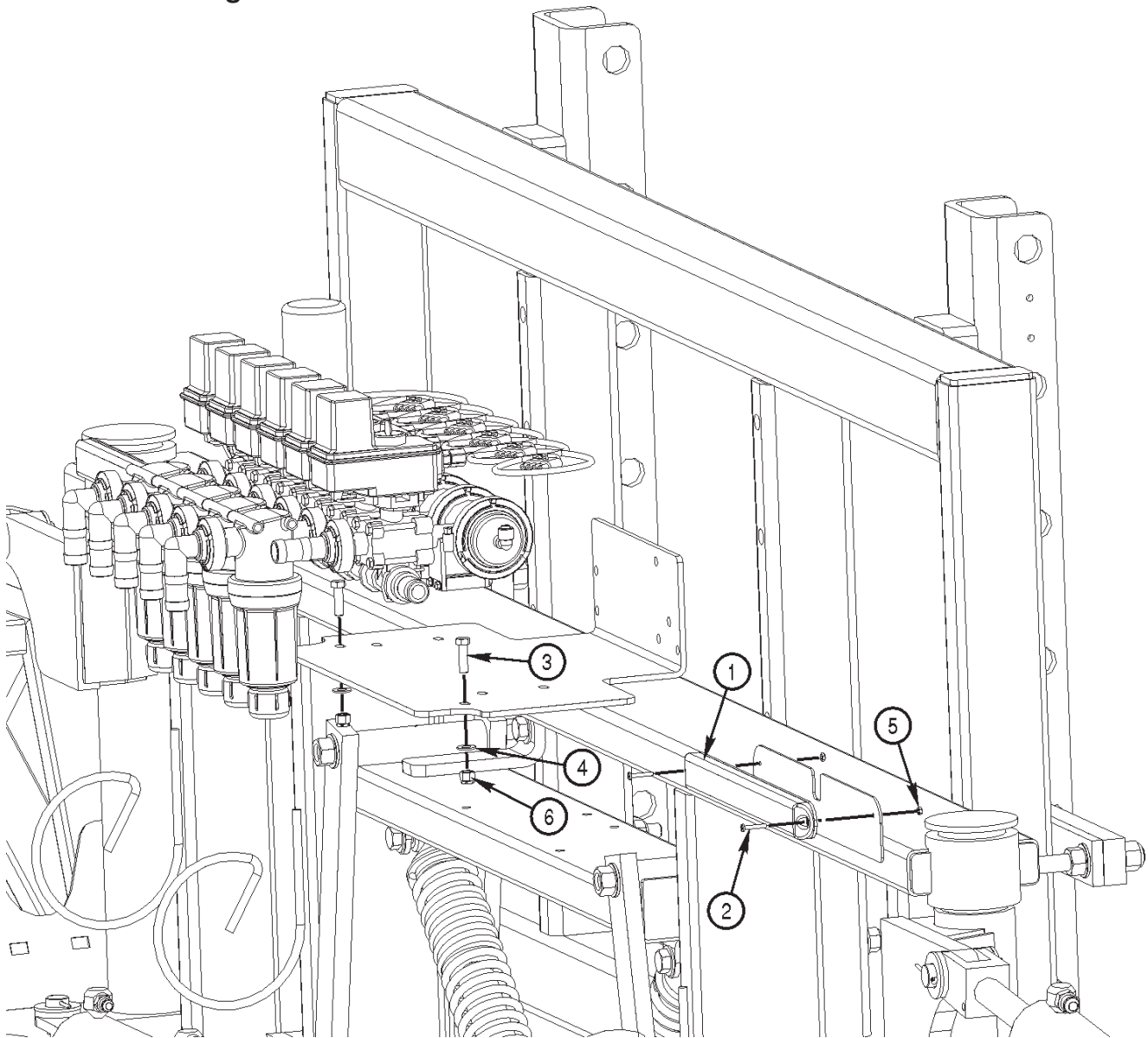
Item	Part Number	Qty	Description	Comments
1	640100018	1	Fitting, 2" Flange x 1 1/2 Hose Banjo	
2	640100013	4	Clamp, 2" Standard Port Banjo	
3	640100014	4	Gasket, 2" Standard Port Banjo	
4	611000052	1	Flow Meter with Sensor Raven 60P	Sensor only Part # 611000069
5	611000053	1	Servo Valve	
6A	660000921	1	Assembly, Teejet Boom Valve 8 Bank	
6B	660000906	A/R	Assembly, Teejet Boom Valve Single	
6C	660000907	A/R	Teejet, Boom Valve, Motor Only	
6D	660000924	A/R	Teejet, Ball Valve Only	
7	640100016	17	Gasket, Clamp 1" Banjo	
8	640100015	17	Clamp 1" Banjo	
9	660000901	8	Assembly, Tee Jet Strainer	Includes items 11, 12, 13, 14, 15 and 16.
10	640100023	8	Fitting, 1 Barb x 1 Flange 90 Banjo	
11	660000911	8	Strainer Head, Teejet Flanged 50-Series	
12	660000908	16	Gasket, 1" Teejet Strainer Top	
13	660000910	8	Strainer, 50 Mesh 1" Teejet	
14	660000912	8	Strainer Bowl, Teejet 1" NPT	
15	660000909	16	Gasket, 1" Teejet Strainer Bottom	
16	660000913	8	Strainer Cap, Teejet	
17	640100053	1	Fitting, Hose Barb 1" Banjo	
18	640100038	1	Plug Access 2" x 1/4 NPT Banjo	
19	640020000	1	Fitting 1/4" Popit 90 Degree	
	700000004	1	Connector, Flowmeter on Machine Side	Not Shown

10-Section Block



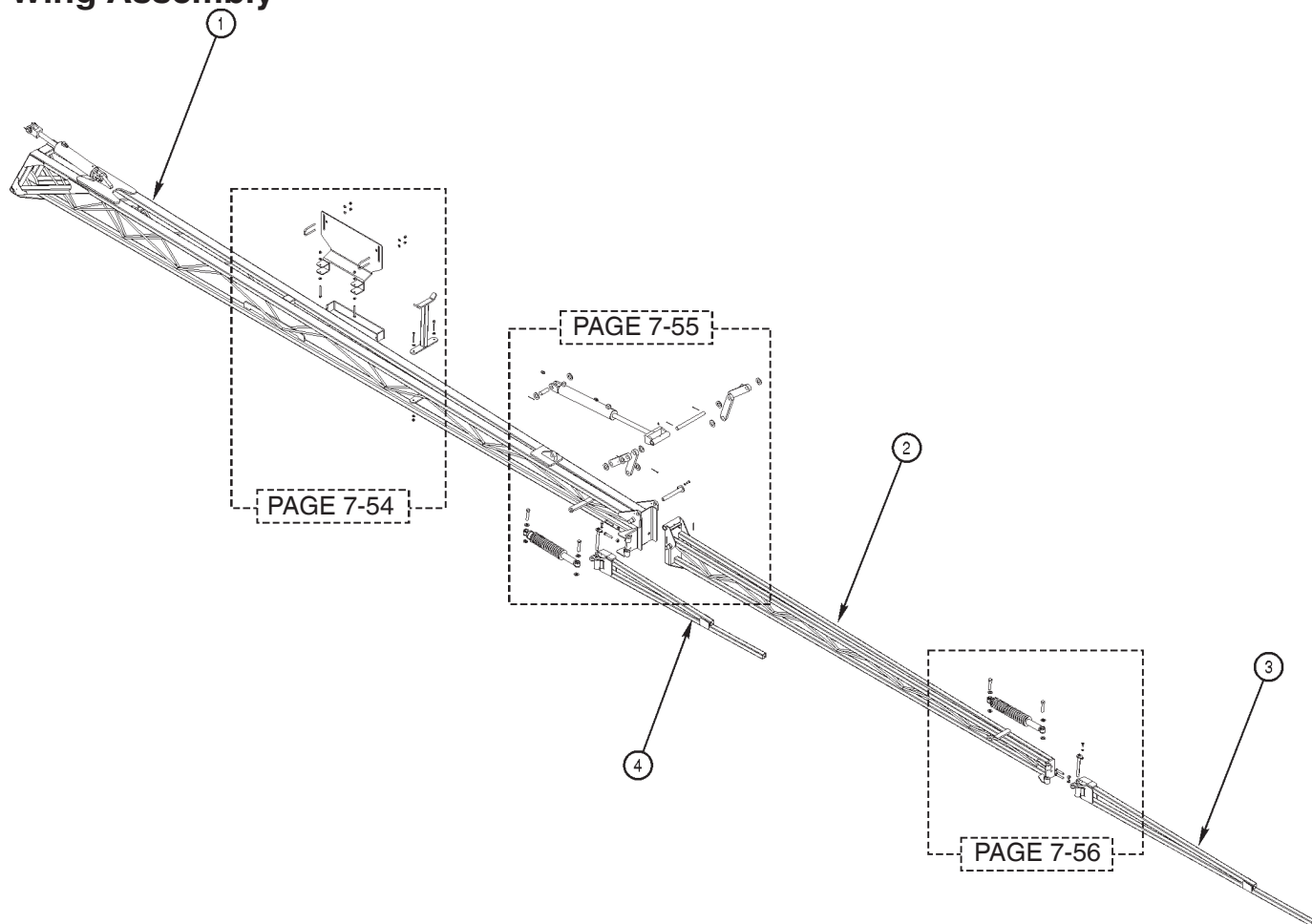
Item	Part Number	Qty	Description	Comments
1	640100018	1	Fitting, 2" Flange x 1 1/2 Hose Banjo	
2	640100013	4	Clamp, 2" Standard Port Banjo	
3	640100014	4	Gasket, 2" Standard Port Banjo	
4	611000052	1	Flow Meter with Sensor Raven 60P	Sensor only Part # 611000069
5	611000053	1	Servo Valve	
6A	660000922	1	Assembly, Teejet Boom Valve 10 Bank	
6B	660000906	A/R	Assembly, Teejet Boom Valve Single	
6C	660000907	A/R	Teejet, Boom Valve, Motor Only	
6D	660000924	A/R	Teejet, Ball Valve Only	
7	640100016	21	Gasket, Clamp 1" Banjo	
8	640100015	21	Clamp 1" Banjo	
9	660000901	10	Assembly, Tee Jet Strainer	Includes items 11, 12, 13, 14, 15 and 16.
10	640100023	10	Fitting, 1 Barb x 1 Flange 90 Banjo	
11	660000911	10	Strainer Head, Teejet Flanged 50-Series	
12	660000908	20	Gasket, 1" Teejet Strainer Top	
13	660000910	10	Strainer, 50 Mesh 1" Teejet	
14	660000912	10	Strainer Bowl, Teejet 1" NPT	
15	660000909	20	Gasket, 1" Teejet Strainer Bottom	
16	660000913	10	Strainer Cap, Teejet	
17	640100053	1	Fitting, Hose Barb 1" Banjo	
18	640100038	1	Plug Access 2" x 1/4 NPT Banjo	
19	640020000	1	Fitting 1/4" Popit 90 Degree	
	700000004	1	Connector, Flowmeter on Machine Side	Not Shown

Boom Valve Mounting



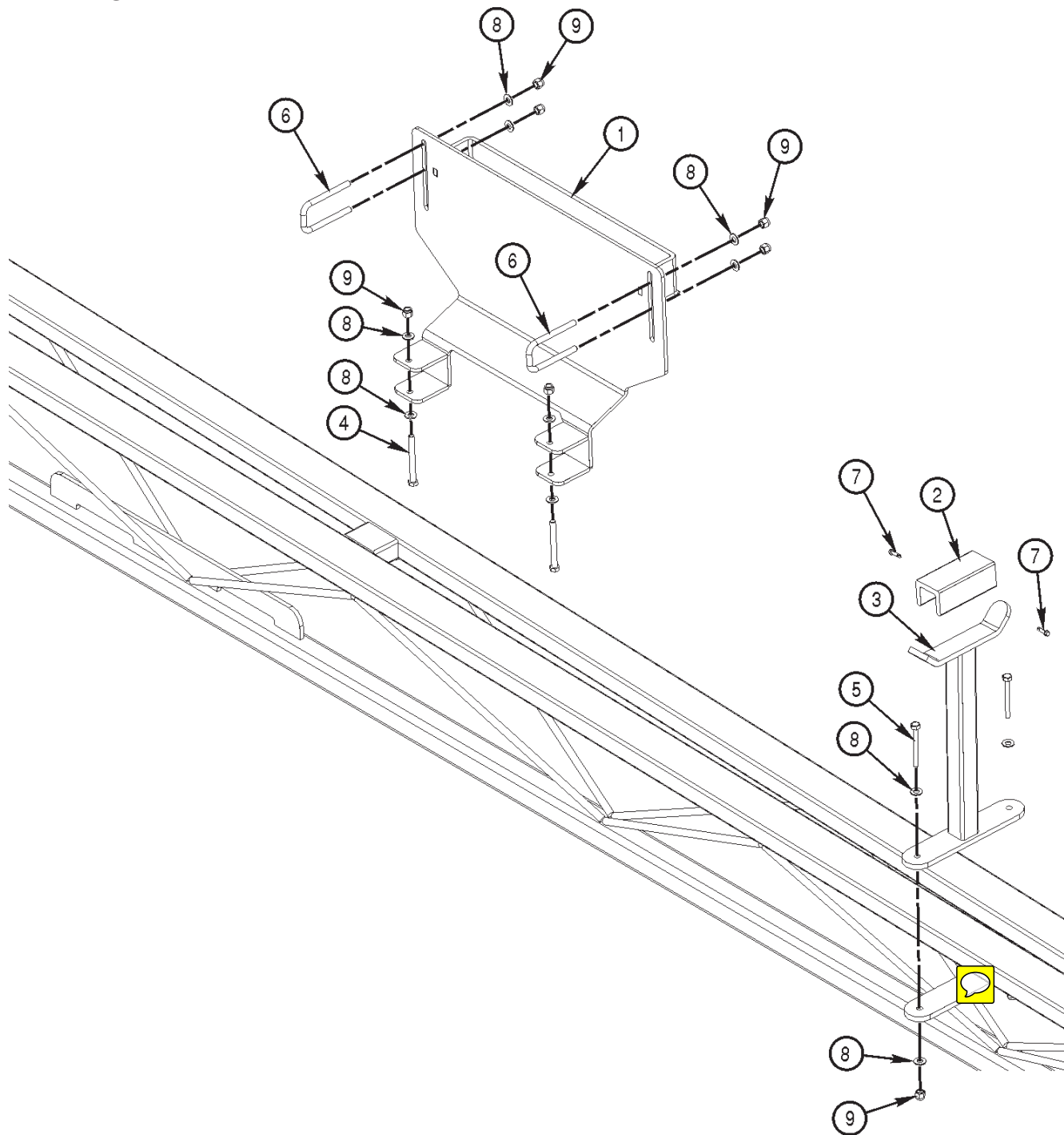
Item	Part Number	Qty	Description	Comments
1	710000005	2	Slim Line LED Marker Light	
2	903302604	4	Screw, 8-32 x 3/4 USS Buttonhead Socket	
3	900002610	2	Bolt, HHCS 5/16-18 x 1 G5 ZP	
4	902003195	2	Washer, Flat 5/16 G5 ZP	
5	903302605	4	Nut, 8-32 Keps	
6	901003010	2	Nut, Nylock 5/16-18 ZP	

Boom Wing Assembly



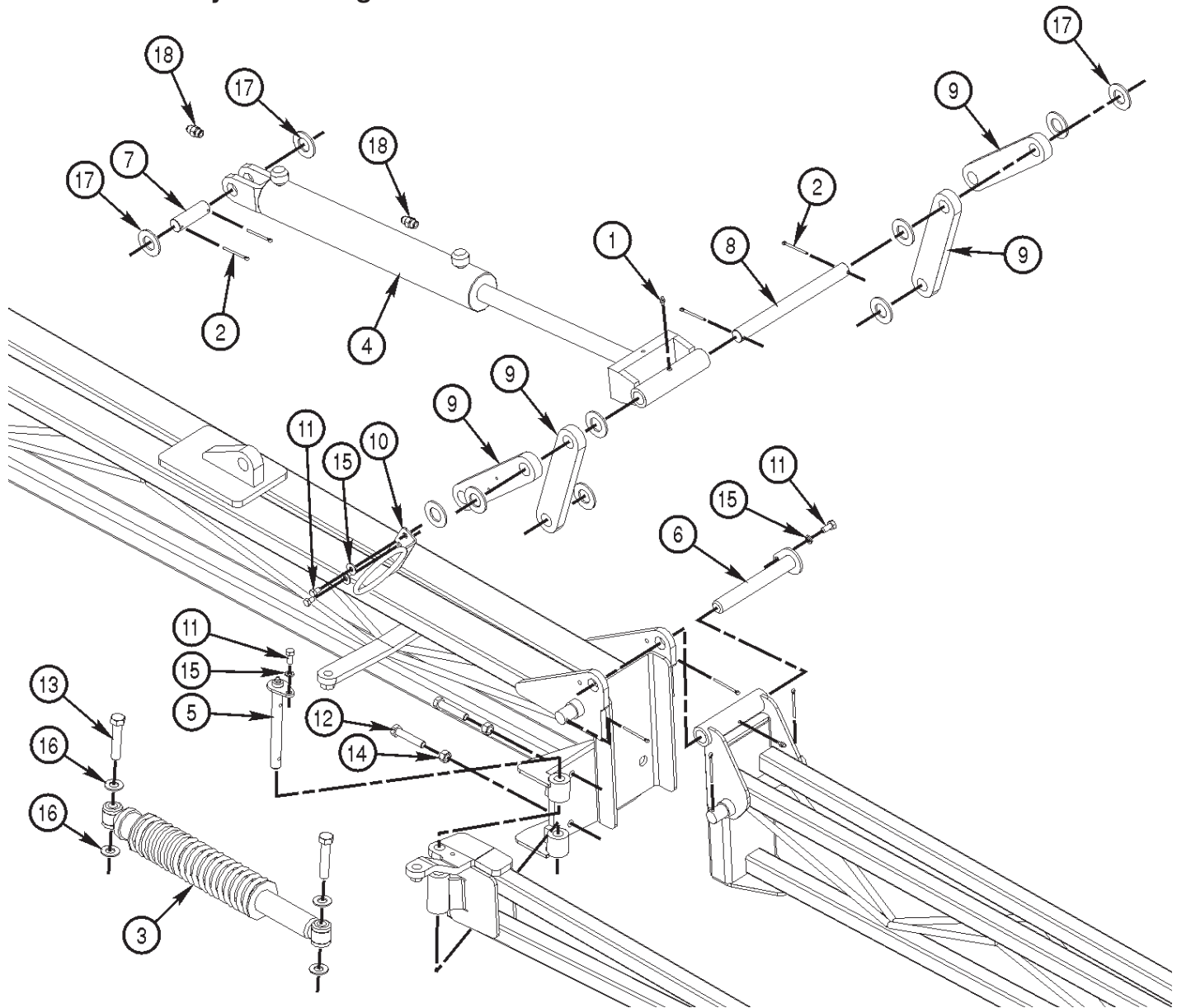
Item	Part Number	Qty	Description	Comments
1A	600902038	1	Inner Boom, Right Hand , 2" Bottom Tube	60',80',90',60/80 & 60/90 Booms
1B	600902039	1	Inner Boom, Left Hand , 2" Bottom Tube	60',80',90',60/80 & 60/90 Booms
1C	600902041	1	Inner Boom, Left & Right , 2" Bottom Tube	100' Boom
2A	600902042	1	Intermediate Boom, Right Hand	80' & 60/80 Booms
2B	600902043	1	Intermediate Boom, Left Hand	80' & 60/80 Booms
2C	600902044	1	Intermediate Boom, Right Hand	90' & 60/90 Booms
2D	600902045	1	Intermediate Boom, Left Hand	90' & 60/90 Booms
2E	600902046	1	Intermediate Boom, Right Hand	100' Boom
2F	600902047	1	Intermediate Boom, Left Hand	100' Boom
3A	600902048	1	Outer Breakaway, Right Hand	100' Boom
3B	600902049	1	Outer Breakaway, Left Hand	100' Boom
3C	600902050	1	Outer Breakaway, Right Hand	80',90',60/80 & 60/90 Booms
3D	600902051	1	Outer Breakaway, Left Hand	80',90',60/80 & 60/90 Booms
4A	600902052	1	Inner Breakaway, Right Hand 60' Section	60', 60/80', 60/90' Booms
4B	600902053	1	Inner Breakaway, Left Hand 60' Section	60', 60/80', 60/90' Booms
4C	600902054	1	Inner Breakaway, Right Hand	66/90 Booms
4D	600902055	1	Inner Breakaway, Left Hand	66/90 Booms

Boom Hanger and Boom Rest



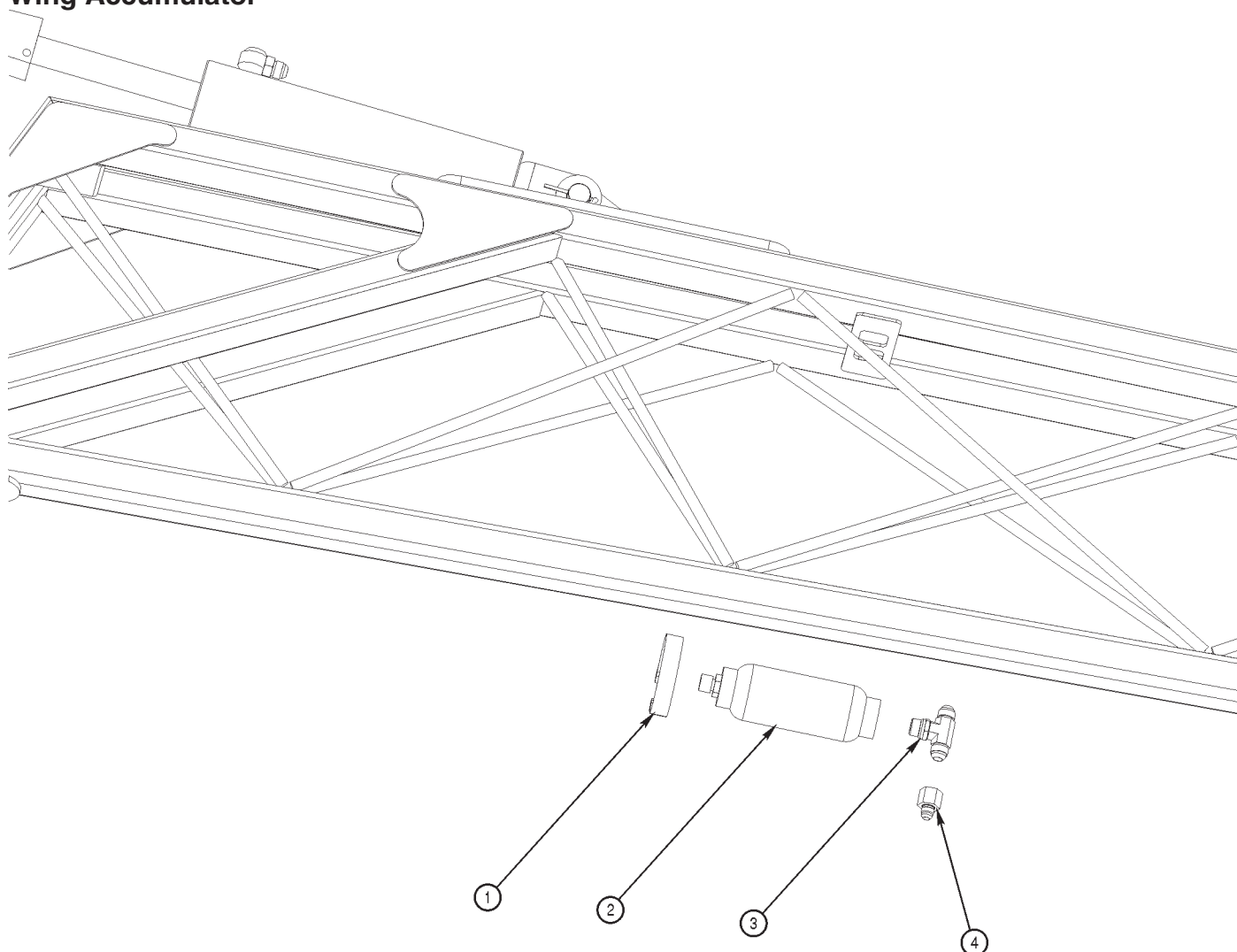
Item	Part Number	Qty	Description	Comments
1	600901232	2	Hanger, Boom 2" Bottom Tube	
2	600901032	2	Bumper, Rubber	
3	600901109	2	Boom Rest	
4	900002875	4	Bolt, HHCS 3/8-16 x 3 1/2 G5 ZP	
5	900002865	4	Bolt, HHCS 3/8-16 x 3 G5 ZP	
6	620000854	4	U-Bolt 3/8 x 2 x 4	
7	915001301	4	Screw, Self Tap 12 x 3/4 Hex	
8	902003200	24	Washer, Flat 3/8 G5 ZP	
9	901003020	16	Nut, Nylock 3/8-16 ZP	

Inner Break Away and Linkage



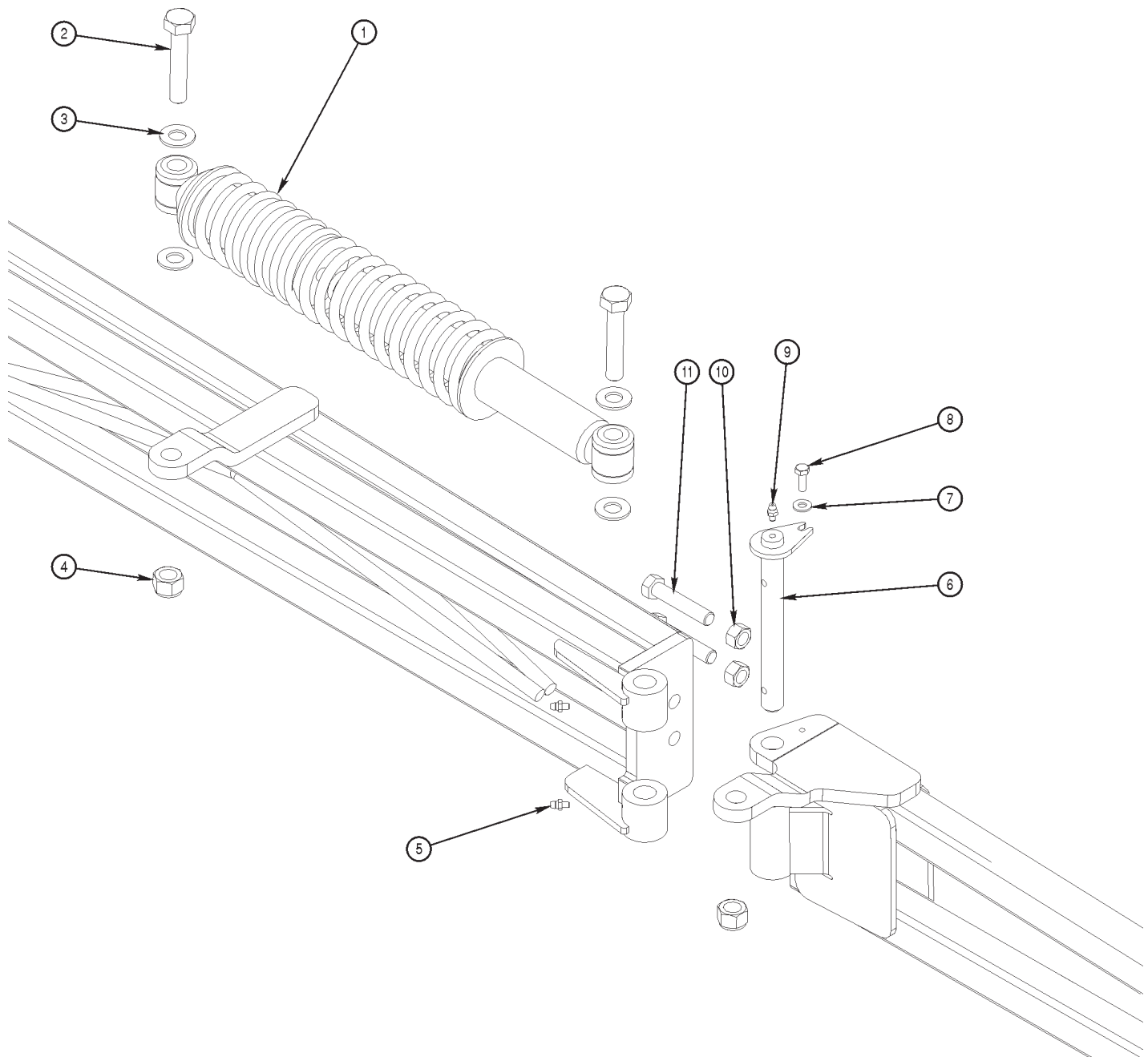
Item	Part Number	Qty	Description	Comments
1	915003010	5	Zerk, Grease 1/4" NPT Straight	
2	600901521	6	Cotter Pin	
3	600901251	1	Shock, Boom	
4A	600901511	1	Cylinder, 2.5" x 16 Boom Tip	Seal Kit P/N 600901516
4B	600901508	1	Cylinder 3" x 16" Welded	(100 foot booms only) Seal Kit P/N 600901507
5	600901127	1	Pin, Flag Boom Breakaway	
6	600901125	1	Pin, Flag Inner Boom Pivot	
7	600901519	1	Pin, Cylinder 1" x 3" Barrel End	
8	600901524	1	Pin, Boom Linkage 1" OD x 11"	
9	600901237	4	Linkage Arm	
10	690000303	1	Bracket, Product Hose Hanger	
11	900002805	4	Bolt, HHCS 3/8-16 x 3/4 G5 ZP	
12	900003265	2	Bolt, HHCS 1/2-13 x 2 1/2 G5 ZP	
13	900004011	2	Bolt, HHCS 9/16-12 x 3.00 GR 5	
14	901000005	4	Nut, Hex 1/2-13	
15	900002806	4	Washer, Lock 3/8"	
16	902201126	4	Washer, Flat 9/16	
17	902002049	12	Washer, Flat Fender 1" Boom	
18	800303022	2	Fitting, 6 FLM x 6 ORM ST	

Wing Accumulator



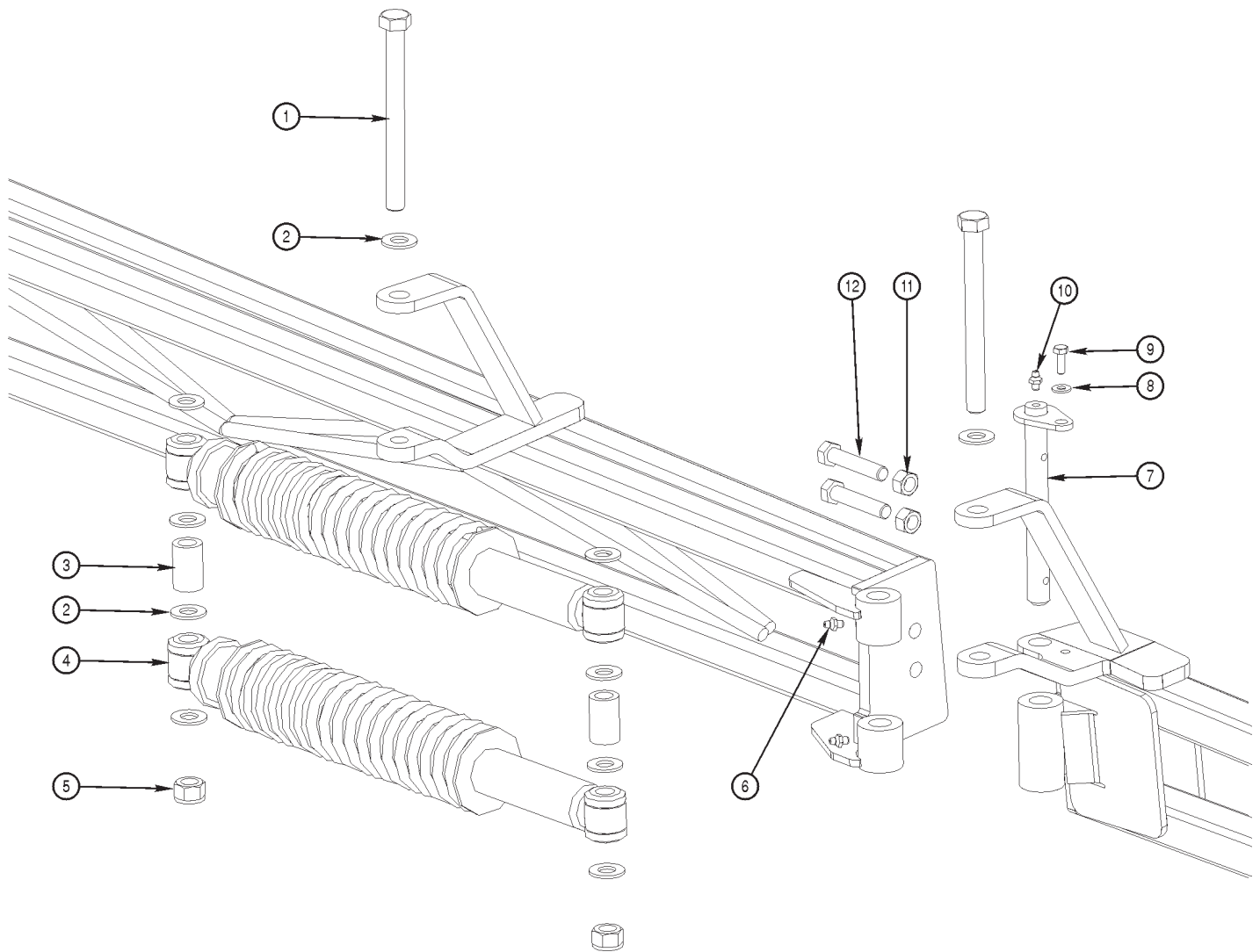
Item	Part Number	Qty	Description	Comments
1	600901522	1	Clamp, Accumulator Boom Wing	MIKALOR 68-73 W2
2	600901513	1	Accumulator, Boom Wing 20 cubic	
3	800302197	1	Fitting, 8 FLM x 8 ORM x 8 FLM	
4	800302198	1	Fitting, 8 FLF x 6 FLM	

Outer Break Away (80' and 90' Booms)



Item	Part Number	Qty	Description	Comments
1	600901251	1	Shock, Boom	
2	900004011	2	Bolt, HHCS 9/16-12 x 3" G5 ZP	
3	902201126	4	Washer, Flat 9/16" ZP	
4	901000003	2	9/16-12 Nut, Nylock	
5	915003010	3	Zerk, Grease 1/4" NPT ST	
6	600901127	1	Pin, Flag Boom Breakaway	
7	900002806	2	Washer, Lock 3/8"	
8	900002805	2	Bolt, HHCS 3/8-16 x 3/4"	
9	915003012	1	Zerk Fitting, 5/16-24 Flagpin	
10	901000005	4	Nut, Hex 1/2-13 ZP	
11	900003265	2	Bolt, HHCS 1/2-13 x 2 1/2" G5 ZP	

Outer Break Away (100' Booms)

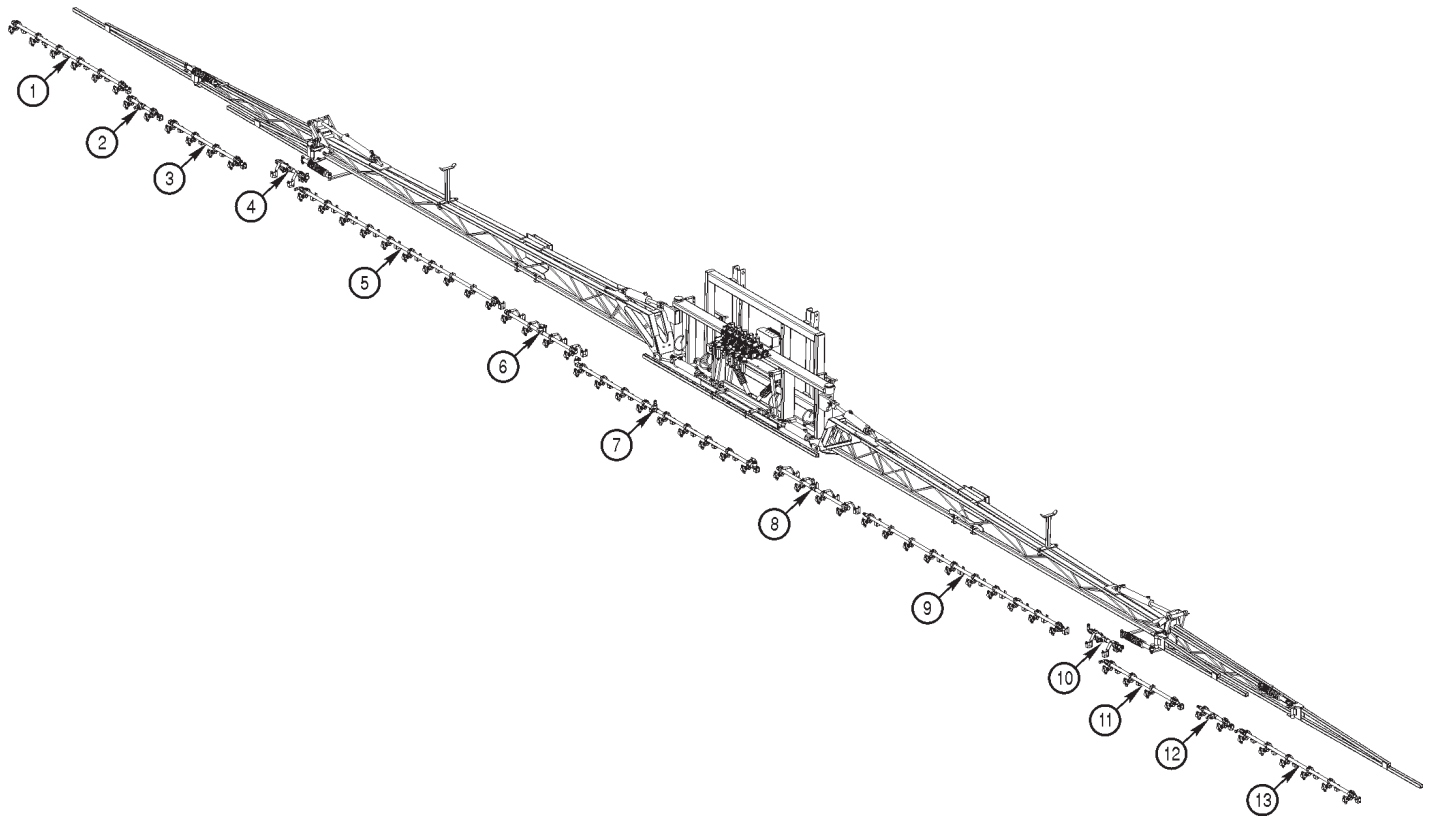


Item	Part Number	Qty	Description	Comments
1	900004009	2	Bolt, HHCS 9/16-12 x 6 1/2" G5 ZP	
2	902201126	4	Washer, Flat 9/16" ZP	
3	600901249	2	Spacer, Boom Shock	
4	600901251	2	Shock, Boom	
5	901000003	2	9/16-12 Nut, Nylock	
6	915003010	3	Zerk, Grease 1/4" NPT ST	
7	600901127	1	Pin, Flag Boom Breakaway	
8	900002806	2	Washer, Lock 3/8"	
9	900002805	2	Bolt, HHCS 3/8-16 x 3/4"	
10	915003012	1	Zerk Fitting, 5/16-24 Flagpin	
11	901000005	4	Nut, Hex 1/2-13 ZP	
12	900003265	2	Bolt, HHCS 1/2-13 x 2 1/2" G5 ZP	

Boom Plumbing

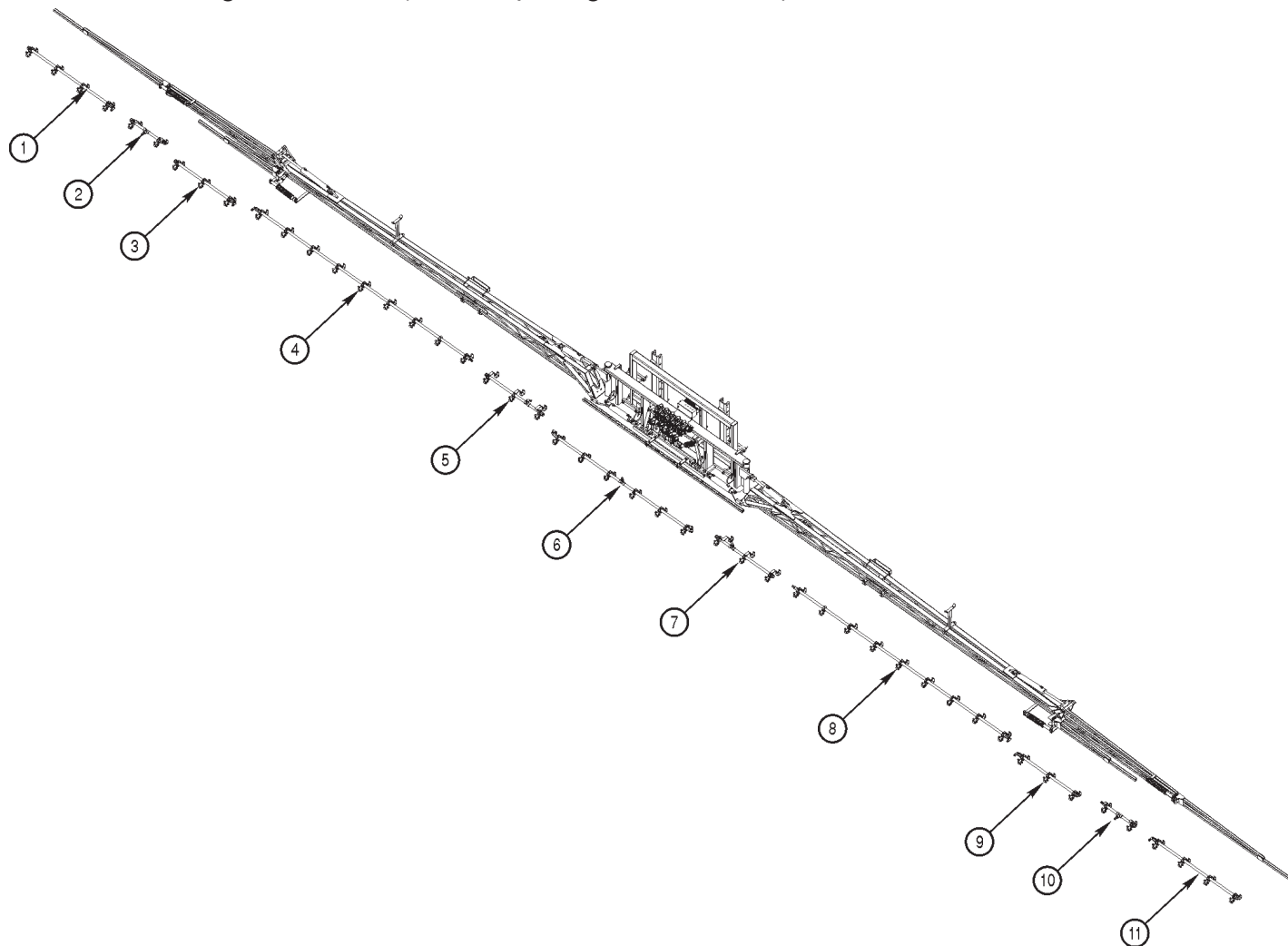
5 Section Block

60'-80' and Straight 80' Boom (nozzle spacing 15" on center)



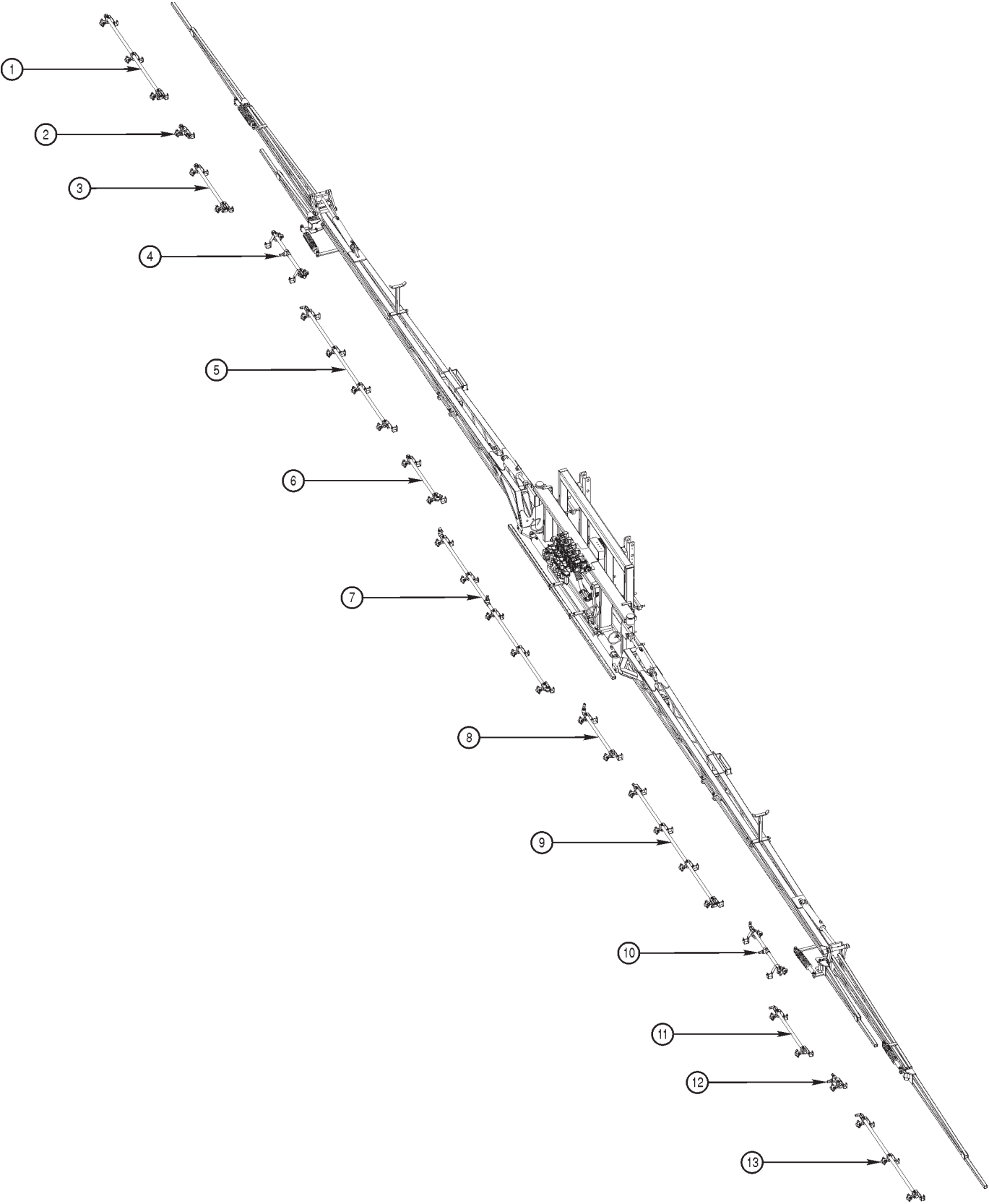
Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001197	1	Spray Bar, Inter 15 RS 15 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Brkwy 15 RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001189	1	Spray Bar, Inner 15 RS 15 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
7	690001752	1	Spray Bar, Center 15 RS 120 LNG	Does not include nozzle body brackets & nozzle bodies
8	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001188	1	Spray Bar, Inner 15 RS 15 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690000190	1	Spray Bar, Brkwy 15 RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
12	690001196	1	Spray Bar, Inter 15 RS 15 LNG RH	Does not include nozzle body brackets & nozzle bodies
13	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001771	1	Boom Plumbing, Assy 60/80 15 RS	Includes 1 each of Items 1 - 13
	RM800860	1	Black Poly Pipe, 1"	
	640000420	1	Hose Barb, 1"	
	640000520	1	Hose Barb 90, 1"	
	640010200	1	Coupling, 1"	
	640001020	1	Tee, 1"	
	640000100	1	Cap, 1"	
	640100133	1	Female Hose Barb, 1"	

60'-80' and Straight 80' Boom (nozzle spacing 20" on center)



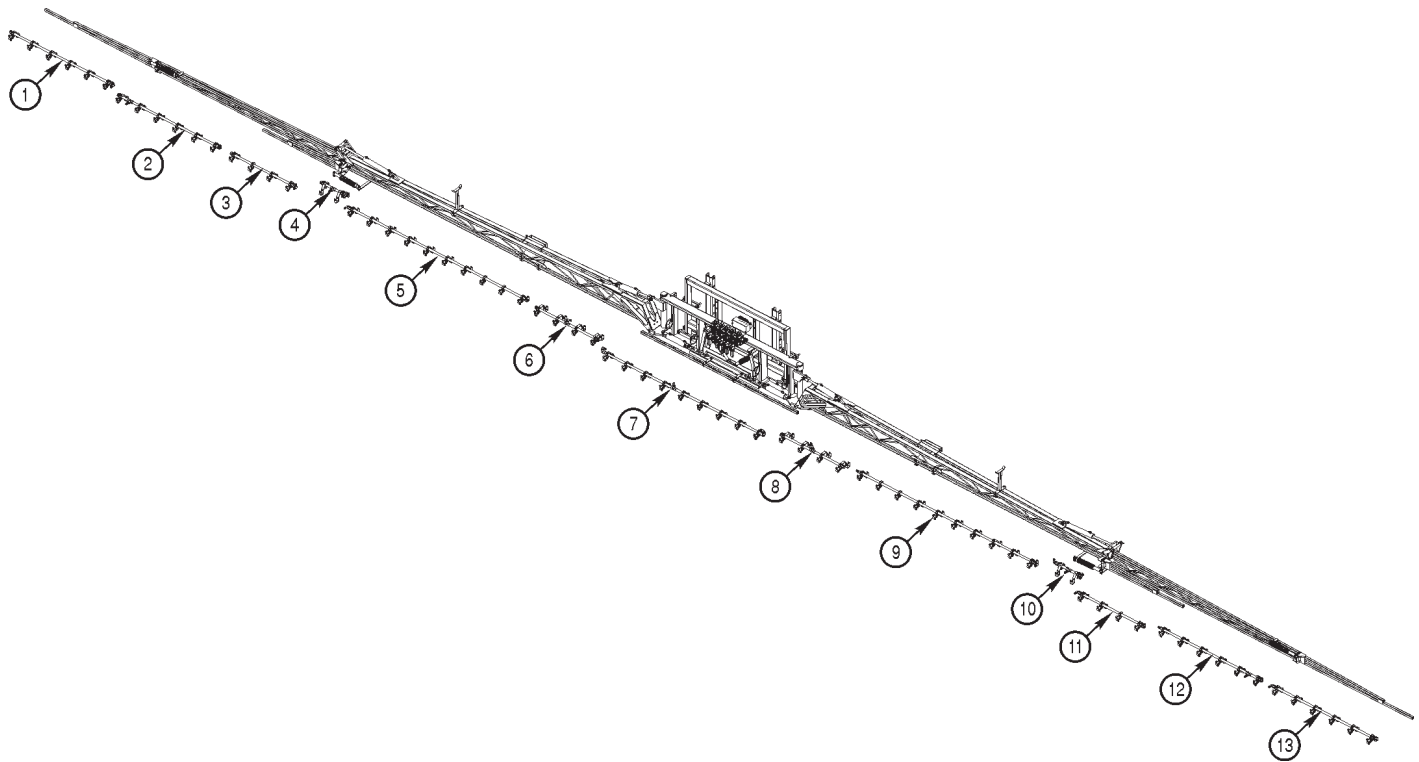
Item	Part Number	Qty	Description	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001766	1	Spray Bar, Inter 20 RS 20 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001758	1	Spray Bar, Inner 20 RS 160 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG	Does not include nozzle body brackets & nozzle bodies
7	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
8	690001756	1	Spray Bar, Inner 20 RS 160 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001765	1	Spray Bar, Inter 20 RS 20 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001768	1	Boom Plumbing, Assy 60/80 20 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

60'-80' and Straight 80' Boom (nozzle spacing 30" on center)



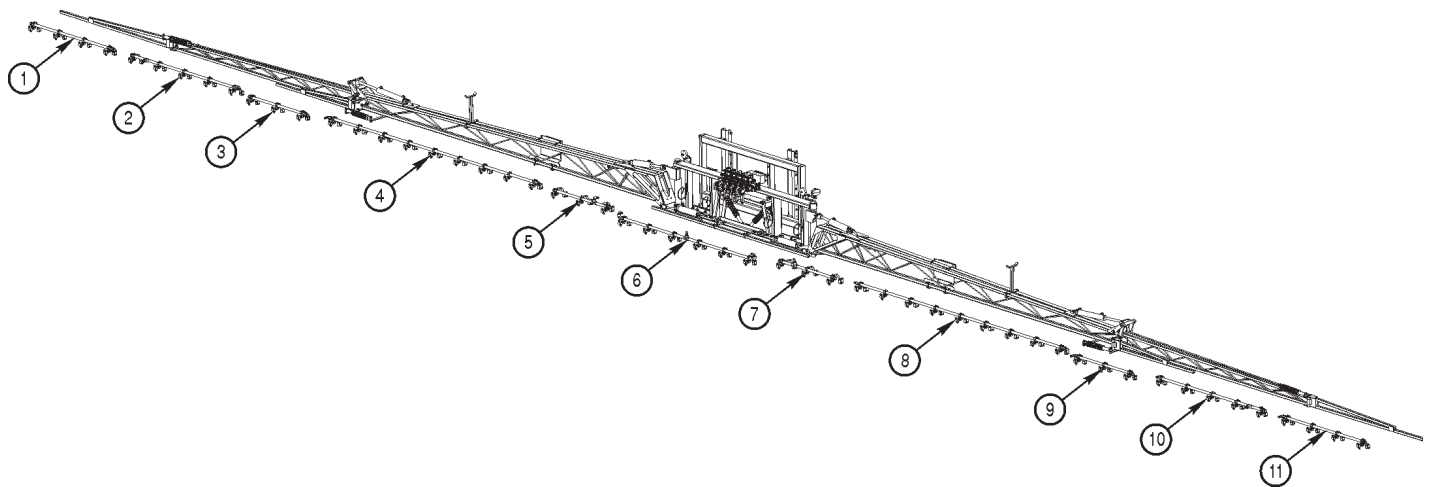
Item	Part Number	Qty	Description	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001215	1	Spray Bar, Inter 30 RS 1 Nozzle LH	Does not include nozzle body brackets & nozzle bodies
3	690001209	1	Spray Bar, Brkwy 30 RS 30 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001207	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001205	1	Spray Bar, Inner 30 RS 90 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets & nozzle bodies
7	690001754	1	Spray Bar, Center 30 RS 120 LNG	Does not include nozzle body brackets & nozzle bodies
8	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001203	1	Spray Bar, Inner 30 RS 90 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001206	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001208	1	Spray Bar, Brkwy 30 RS 30 LNG RH	Does not include nozzle body brackets & nozzle bodies
12	690001214	1	Spray Bar, Inter 30 RS 1 Nozzle RH	Does not include nozzle body brackets & nozzle bodies
13	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001774	1	Boom Plumbing, Assy 60/80 30 RS	Includes 1 each of Items 1 - 13
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

60'-90' and Straight 90' Boom (nozzle spacing 15" on center)



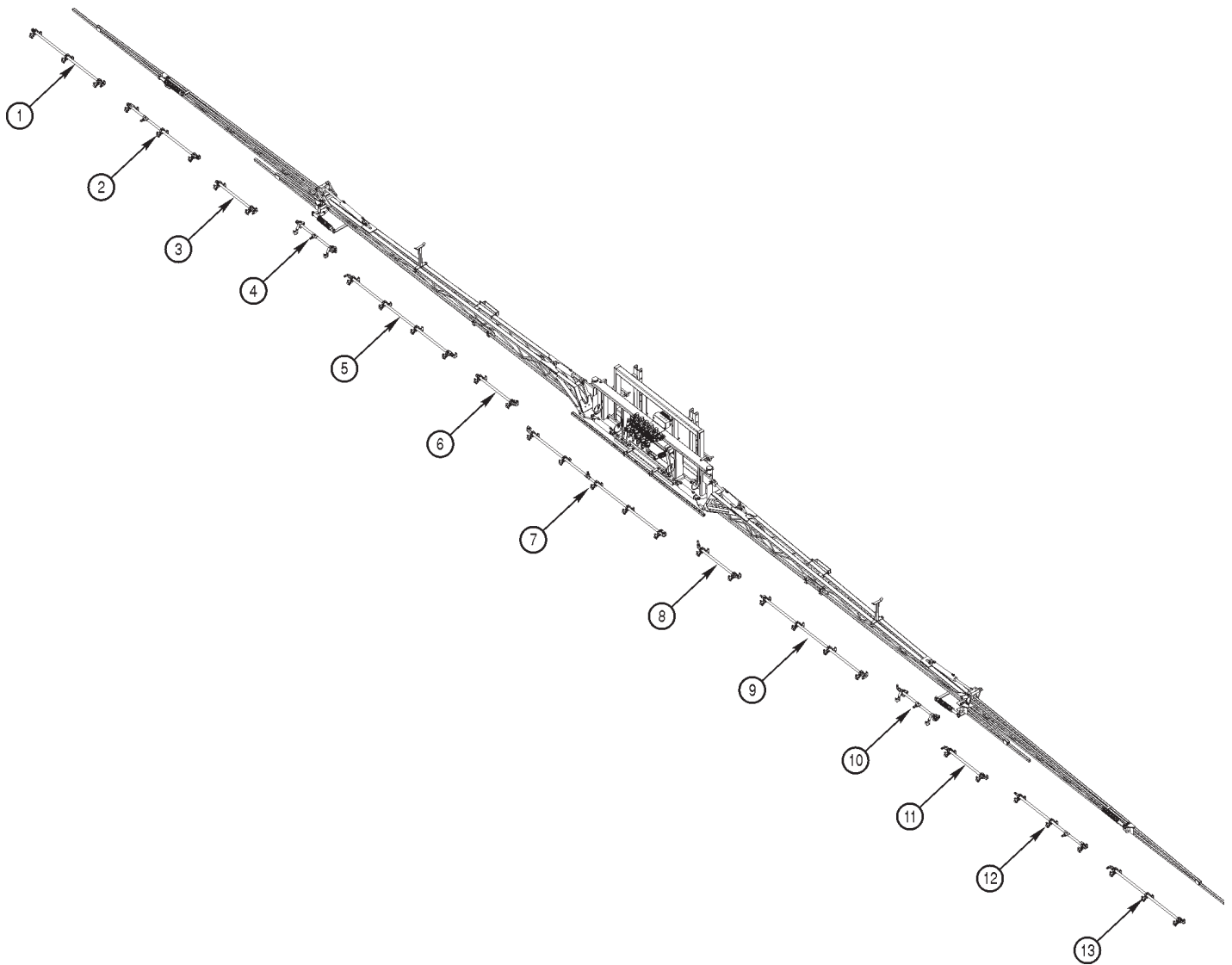
Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001193	1	Spray Bar, Inter 15 RS 75 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Brkwy 15 RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001189	1	Spray Bar, Inner 15 RS 15 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
7	690001752	1	Spray Bar, Center 15 RS 120 LNG	Does not include nozzle body brackets & nozzle bodies
8	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001188	1	Spray Bar, Inner 15 RS 15 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001190	1	Spray Bar, Brkwy 15 RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
12	690001192	1	Spray Bar, Inter 15 RS 75 LNG RH	Does not include nozzle body brackets & nozzle bodies
13	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001770	1	Boom Plumbing, Assy 60/90 15 RS	Includes 1 each of Items 1 - 13
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

60'-90' and Straight 90' Boom (nozzle spacing 20" on center)



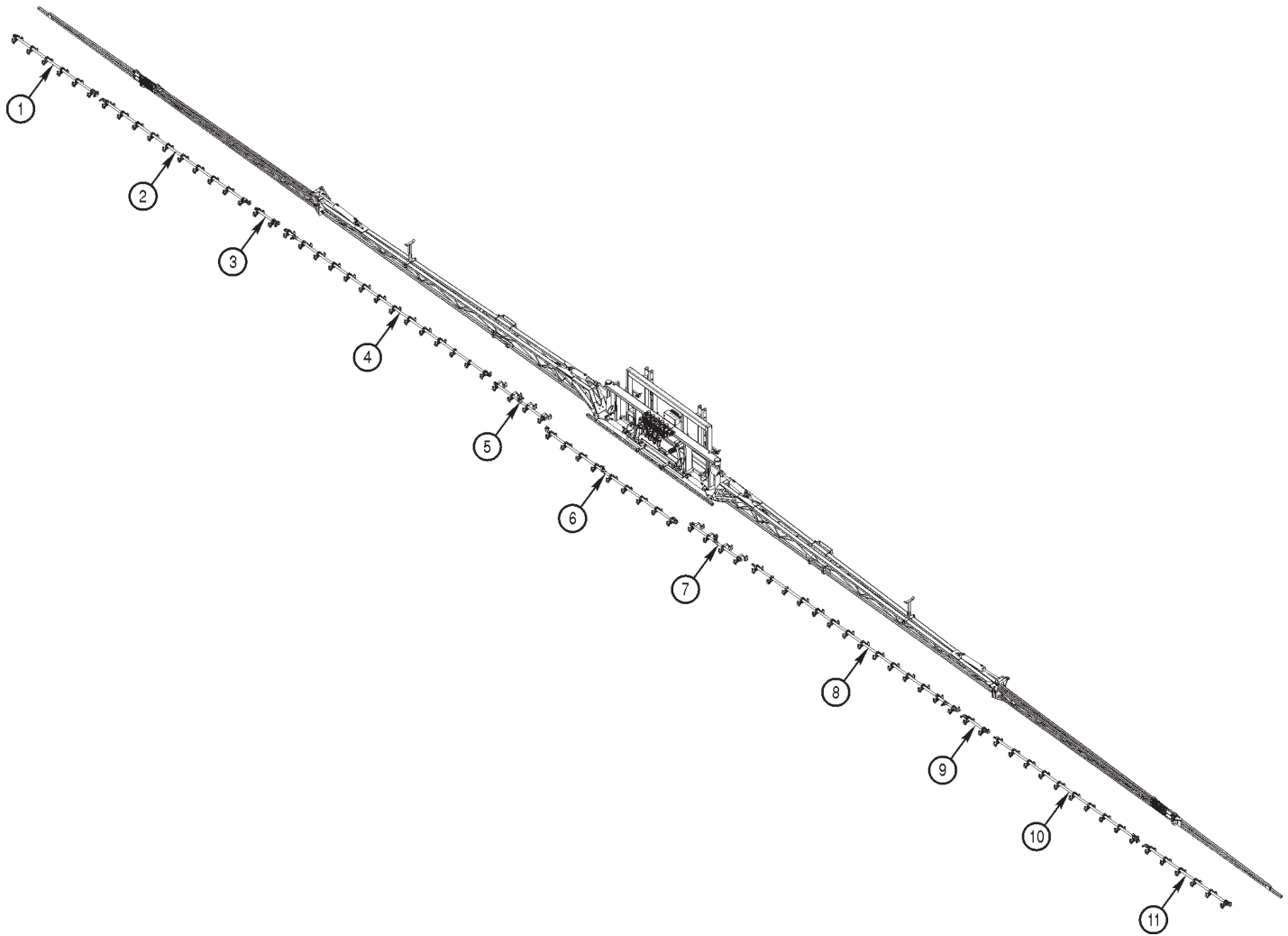
Item	Part Number	Qty	Description	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001762	1	Spray Bar, Inter 20 RS 80 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001758	1	Spray Bar, Inner 20 RS 160 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG	Does not include nozzle body brackets & nozzle bodies
7	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
8	690001756	1	Spray Bar, Inner 20 RS 160 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001761	1	Spray Bar, Inter 20 RS 80 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001767	1	Boom Plumbing, Assy 60/90 20 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

60'-90' and Straight 90' Boom (nozzle spacing 30" on center)



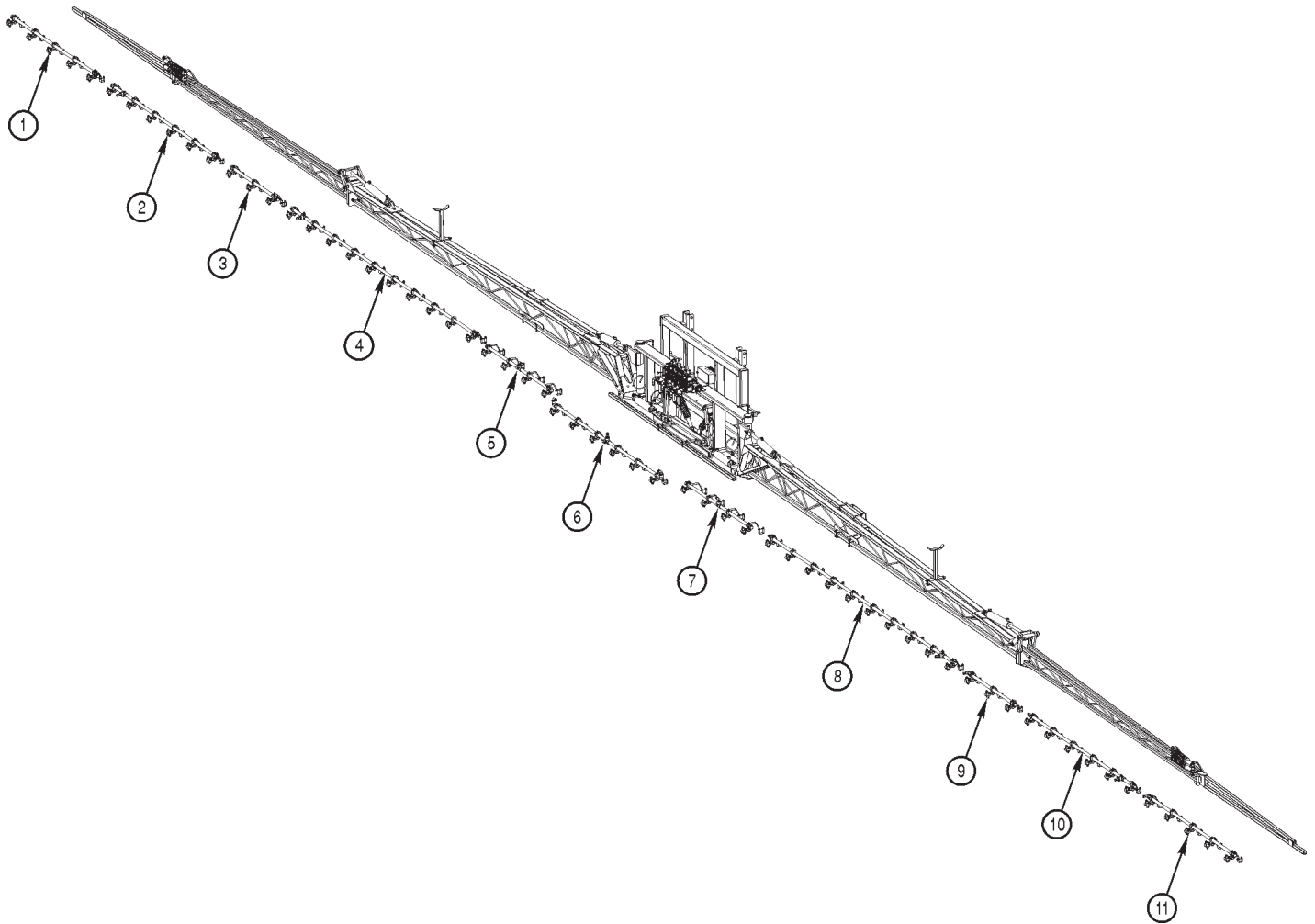
Item	Part Number	Qty	Description	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001211	1	Spray Bar, Inter 30 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001209	1	Spray Bar, Brkwy 30 RS 30 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001207	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001205	1	Spray Bar, Inner 30 RS 90 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets & nozzle bodies
7	690001754	1	Spray Bar, Center 30 RS 120 LNG	Does not include nozzle body brackets & nozzle bodies
8	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001203	1	Spray Bar, Inner 30 RS 90 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001206	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001208	1	Spray Bar, Brkwy 30 RS 30 LNG RH	Does not include nozzle body brackets & nozzle bodies
12	690001210	1	Spray Bar, Inter 30 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
13	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001773	1	Boom Plumbing, Assy 60/90 30 RS	Includes 1 each of Items 1 - 13
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

100' Boom (nozzle spacing 15" on center)



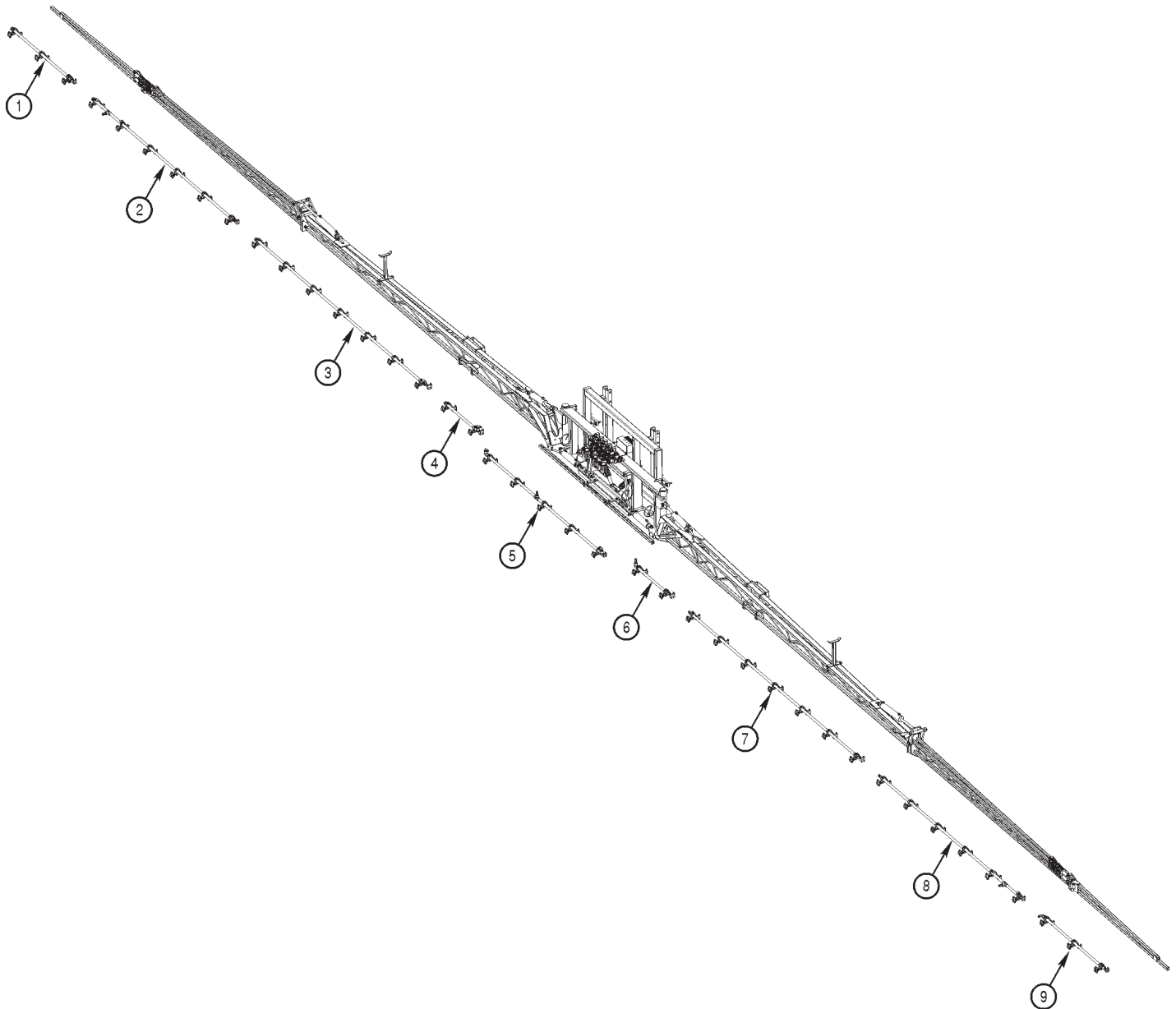
Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001201	1	Spray Bar, Inter 15 RS 15 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001199	1	Spray Bar, Inner 15 RS 195 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001752	1	Spray Bar, Center 15 RS 120 LNG	Does not include nozzle body brackets & nozzle bodies
7	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
8	690001198	1	Spray Bar, Inner 15 RS 195 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001200	1	Spray Bar, Inter 15 RS 15 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001772	1	Boom Plumbing, Assy 100 15 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

100' Boom (nozzle spacing 20" on center)



Item	Part Number	Qty	Description	Comments
1	690001185	1	Spray Bar, Brkwy 20 RS 80 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001183	1	Spray Bar, Inter 20 RS 100 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001179	1	Spray Bar, Inner 20 RS 180 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001177	1	Spray Bar, Inner 20 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG	Does not include nozzle body brackets & nozzle bodies
7	690001176	1	Spray Bar, Inner 20 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
8	690001178	1	Spray Bar, Inner 20 RS 180 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001182	1	Spray Bar, Inter 20 RS 100 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001184	1	Spray Bar, Brkwy 20 RS 80 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001769	1	Boom Plumbing, Assy 100 20 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

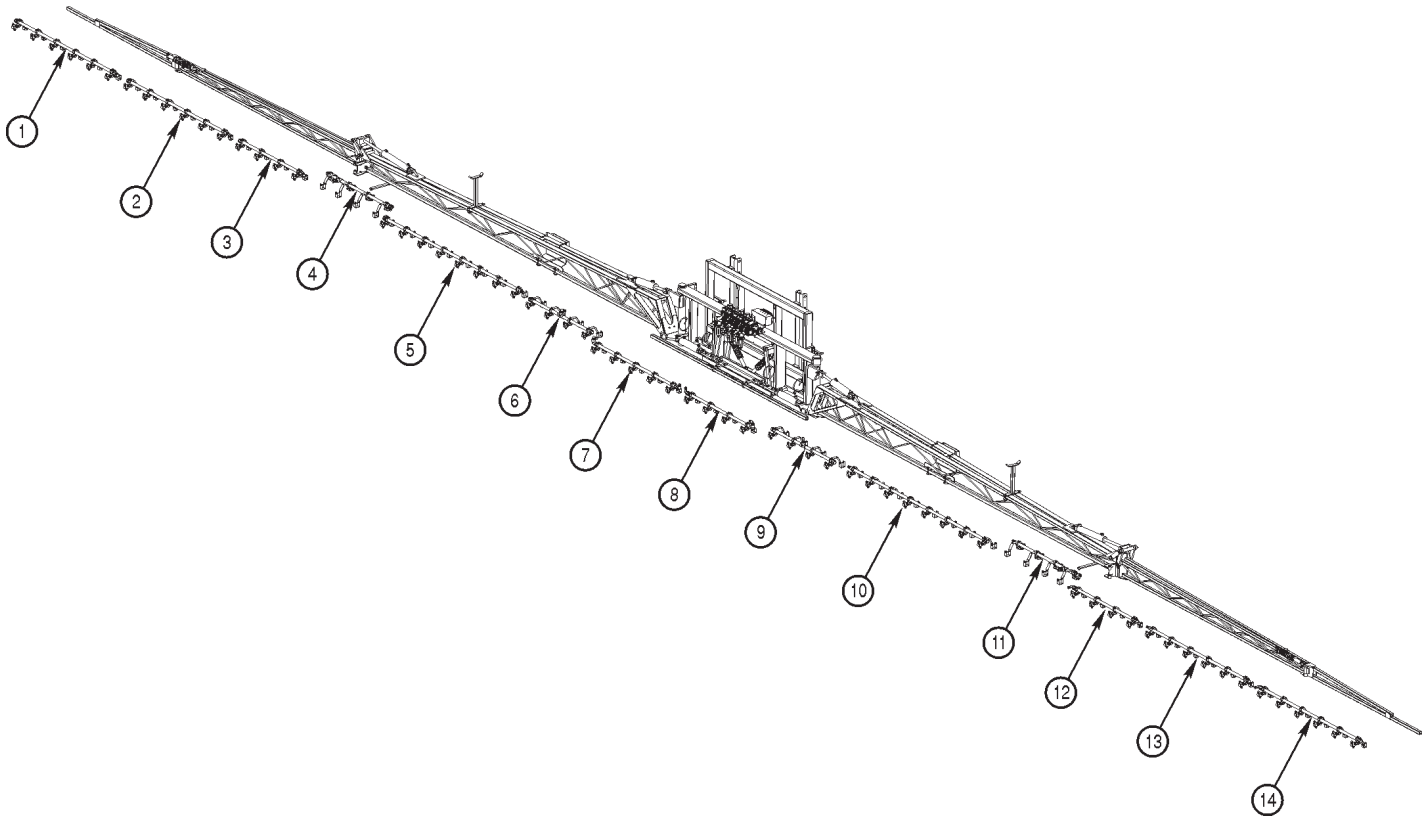
100' Boom (nozzle spacing 30" on center)



Item	Part Number	Qty	Description	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001221	1	Spray Bar, Inter 30 RS 150 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001217	1	Spray Bar, Inner 30 RS 120 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001754	1	Spray Bar, Center 30 RS 120 LNG	Does not include nozzle body brackets & nozzle bodies
6	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets & nozzle bodies
7	690001216	1	Spray Bar, Inner 30 RS 120 LNG RH	Does not include nozzle body brackets & nozzle bodies
8	690001220	1	Spray Bar, Inter 30 RS 150 LNG RH	Does not include nozzle body brackets & nozzle bodies
9	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001775	1	Boom Plumbing, Assy 100 30 RS	Includes 1 each of Items 1 - 9
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

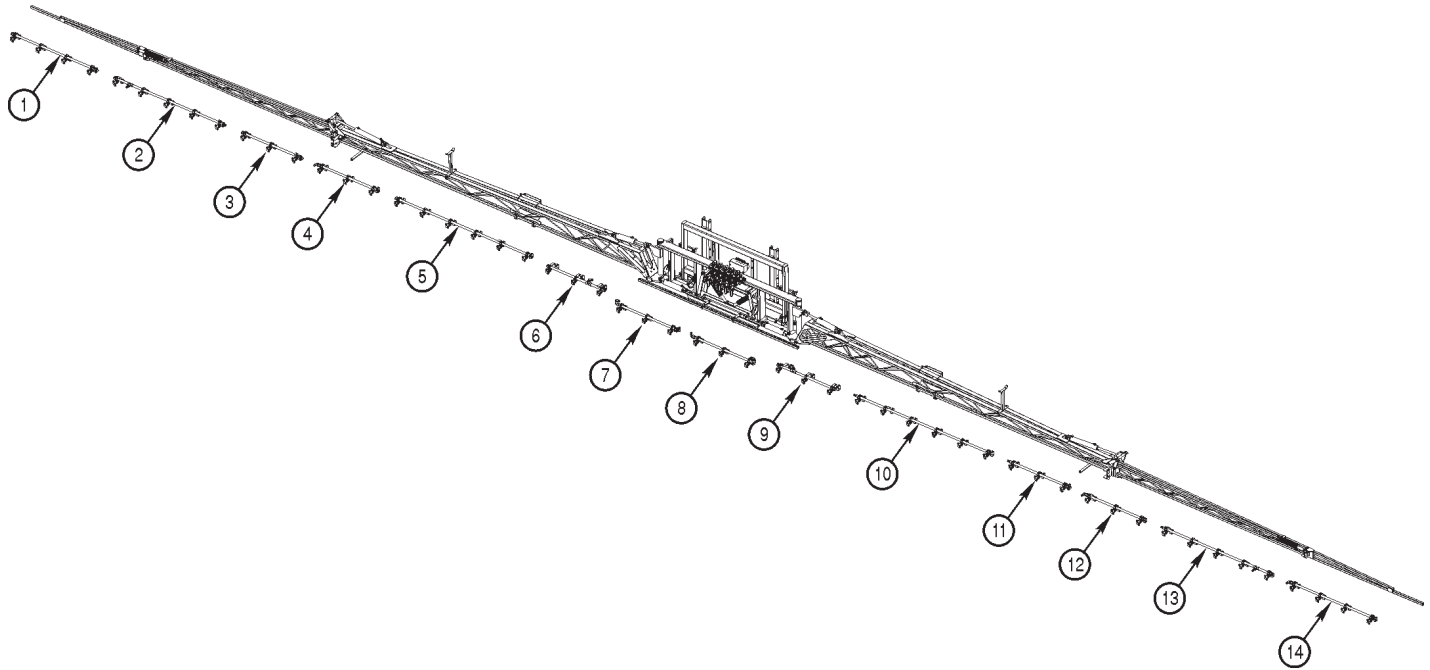
10 Section Valve Block

90' Boom (nozzle spacing 15" on center)



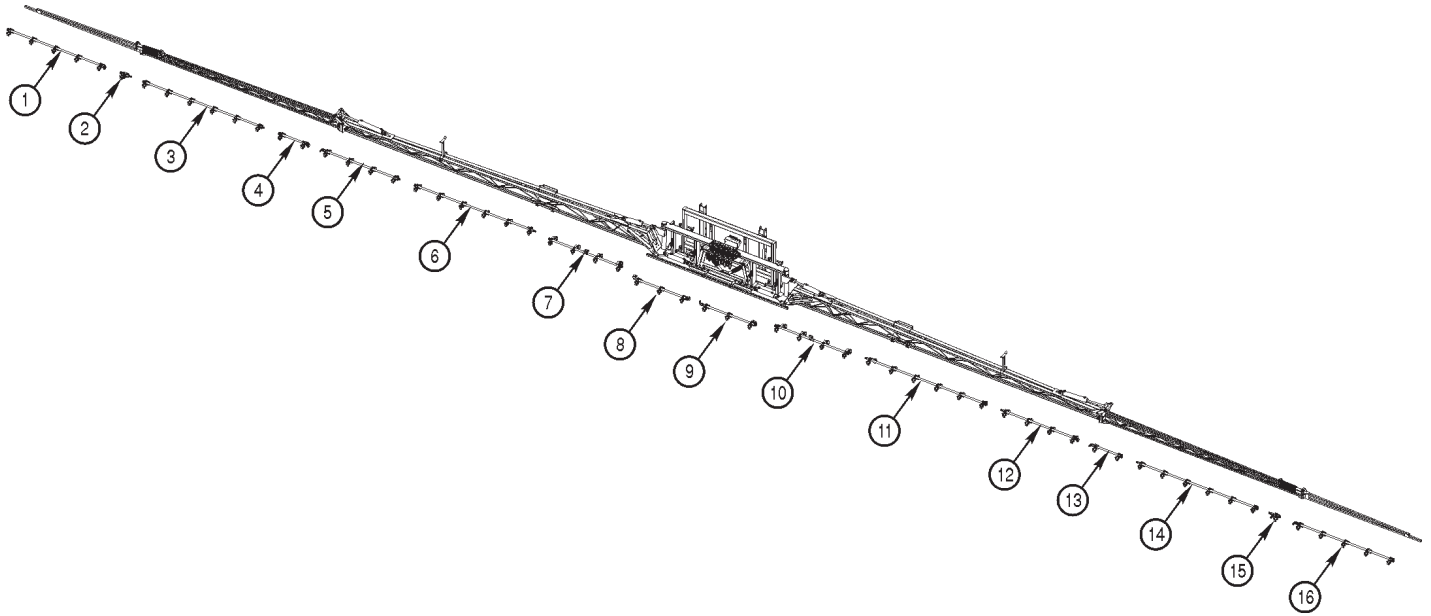
Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brky 15 RS 75 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001242	1	Spray Bar, Inter 15 RS 75 LNG LH	Does not include nozzle body brackets & nozzle bodies
3	690001191	1	Spray Bar, Brky 15 RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001240	1	Spray Bar, Inner 15RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001238	1	Spray Bar, Inner 15RS 105 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001186	1	Spray Bar, Inner 15RS 45 LNG LH	Does not include nozzle body brackets & nozzle bodies
7	690001236	1	Spray Bar, Center 15 RS 60 LNG	Does not include nozzle body brackets & nozzle bodies
8	690001235	1	Spray Bar, Center 15 RS 45 LNG	Does not include nozzle body brackets & nozzle bodies
9	690001180	1	Spray Bar, Inner 15RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001237	1	Spray Bar, Inner 15RS 105 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001239	1	Spray Bar, Inner 15RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
12	690001190	1	Spray Bar, Brky 15 RS 45 LNG RH	Does not include nozzle body brackets & nozzle bodies
13	690001241	1	Spray Bar, Inter 15 RS 75 LNG RH	Does not include nozzle body brackets & nozzle bodies
14	690001194	1	Spray Bar, Brky 15 RS 75 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001828	1	Boom Plumbing Assy 90 15RS 10 Sec	Includes 1 each of Items 1-14
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

90' Boom (nozzle spacing 20" on center)



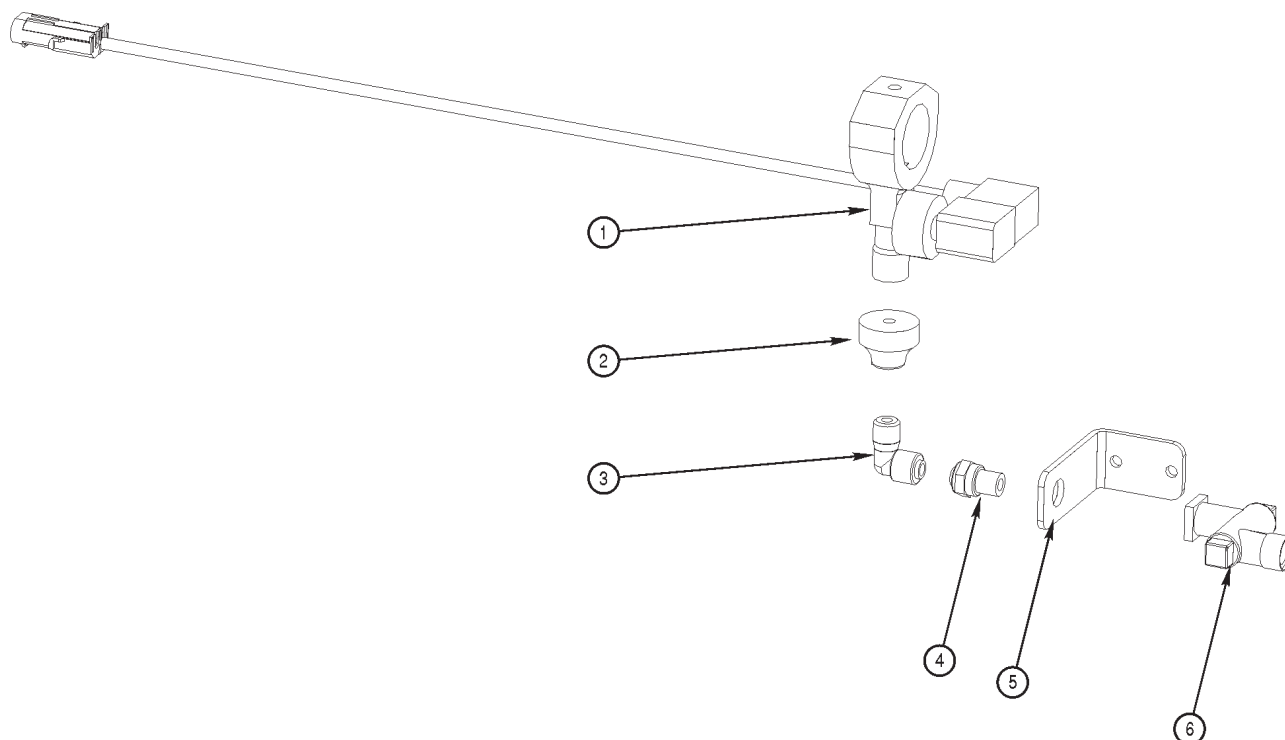
Item	Part Number	Qty	Description	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001762	1	Spray Bar, Inter 20 RS 80 LNG	Does not include nozzle body brackets & nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
4	690001231	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001223	1	Spray Bar, Inner /Int 20 RS 100 LH	Does not include nozzle body brackets & nozzle bodies
6	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets & nozzle bodies
7	690001228	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets & nozzle bodies
8	690001229	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets & nozzle bodies
9	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
10	690001222	1	Spray Bar, Inner /Int 20 RS 100 RH	Does not include nozzle body brackets & nozzle bodies
11	690001230	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
12	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets & nozzle bodies
13	690001761	1	Spray Bar, Inter 20 RS 80 LNG	Does not include nozzle body brackets & nozzle bodies
14	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001826	1	Boom Plumbing, Assy 90 20 RS 10 Sec.	Includes 1 each of Items 1 - 14
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

100' Boom (nozzle spacing 20" on center)



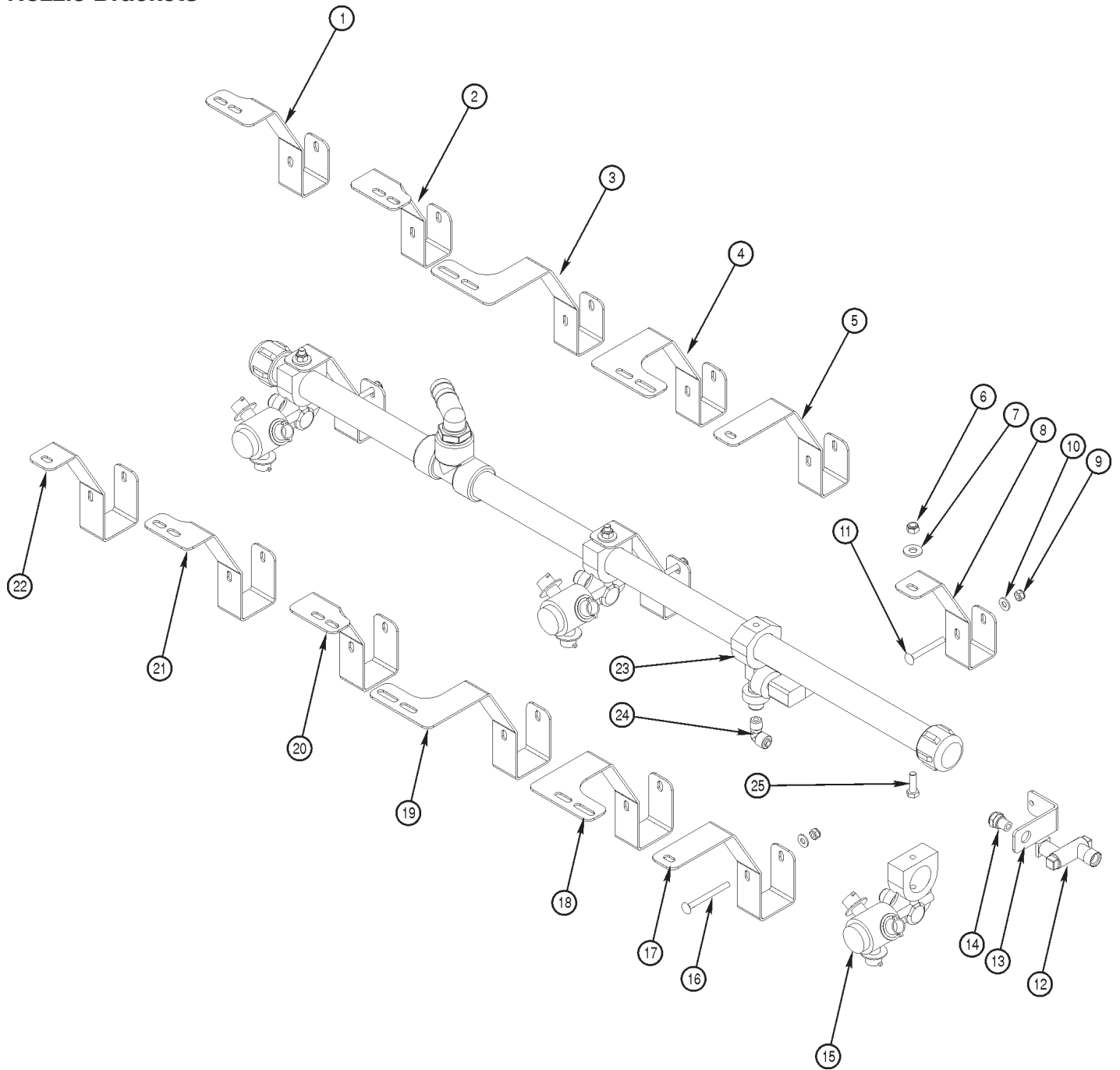
Item	Part Number	Qty	Description	Comments
1	690001185	1	Spray Bar, Brkwy 20 RS 80 LNG LH	Does not include nozzle body brackets & nozzle bodies
2	690001215	1	Spray Bar, Inter 20 RS 1 Nozzle LH	Does not include nozzle body brackets & nozzle bodies
3	690001223	1	Spray Bar, Inner/Int 20 RS 100 LH	Does not include nozzle body brackets & nozzle bodies
4	690001227	1	Spray Bar, Int 20 RS 20 LNG LH	Does not include nozzle body brackets & nozzle bodies
5	690001225	1	Spray Bar, Inner 20 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
6	690001223	1	Spray Bar, Inner/Int 20 RS 100 LH	Does not include nozzle body brackets & nozzle bodies
7	690001177	1	Spray Bar, Inner 20 RS 60 LNG LH	Does not include nozzle body brackets & nozzle bodies
8	690001228	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets & nozzle bodies
9	690001229	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets & nozzle bodies
10	690001176	1	Spray Bar, Inner 20 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
11	690001222	1	Spray Bar, Inner/Int 20 RS 100 RH	Does not include nozzle body brackets & nozzle bodies
12	690001224	1	Spray Bar, Inner 20 RS 60 LNG RH	Does not include nozzle body brackets & nozzle bodies
13	690001226	1	Spray Bar, Int 20 RS 20 LNG RH	Does not include nozzle body brackets & nozzle bodies
14	690001222	1	Spray Bar, Inner/Int 20 RS 100 RH	Does not include nozzle body brackets & nozzle bodies
15	690001214	1	Spray Bar, Inter 20 RS 1 Nozzle RH	Does not include nozzle body brackets & nozzle bodies
16	690001184	1	Spray Bar, Brkwy 20 RS 80 LNG RH	Does not include nozzle body brackets & nozzle bodies
	690001825	1	Boom Plumbing, Assy 100 20RS 10 Sec	Includes 1 each of Items 1 - 16
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Fencerow Nozzle



Item	Part Number	Qty	Description	Comments
1	610000160	1	Valve, Fence Row Nozzle/Shut Off	Includes connector cable
2	610000115	1	Tip, Nozzle Fence Row Valve	
3	640020000	1	Fitting, 1/4" Poppit 90 Deg	
4	640020002	1	Fitting, 1/4" MPT x 1/4" Compression	
5	690001538	1	Bracket, Fence Row Nozzle	
6	610000152	1	Nozzle, Fence Row	
	700000526	1	Harness, Fence Row 80' Boom	
	700000527	1	Harness, Fence Row 90' and 100' Boom	
	610000161		Valve, Fence Row Nozzle/Shut Off	Valve Only
	K65000171	A/R	Kit, Fence Row Nozzle 60/80' and 80'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.
	K65000172	A/R	Kit, Fence Row Nozzle 60/90', 90' and 100'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.
	RM800150	10'	Hose, Air Line NT 10004BK	Not Shown

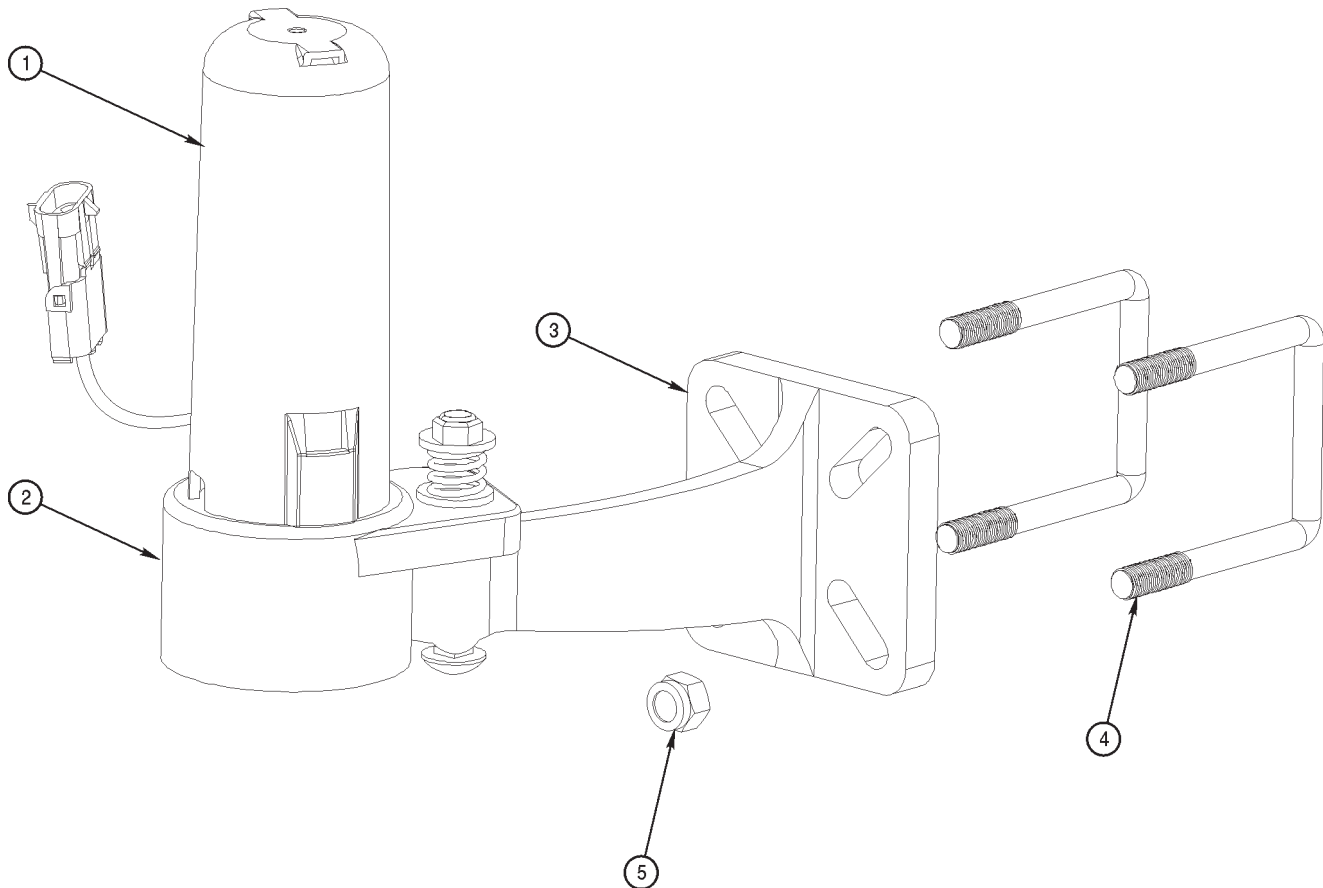
Nozzle Brackets



Item	Part Number	Qty	Description	Comments
1	600000175	A/R	Bracket, Nozzle Body Offset Left SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
2	600000176	A/R	Bracket, Nozzle Body Offset Right SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
3	600000177	A/R	Bracket, Nozzle Body Ext Offset Left SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
4	600000178	A/R	Bracket, Nozzle Body Ext Offset Right SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
5	600000179	A/R	Bracket, Nozzle Body Ext Straight SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
6	901003011	A/R	Nut, Nylock 5/16-18 SS	
7	902003041	A/R	Washer, Flat 5/16 SS	
8	600000174	A/R	Bracket, Nozzle Body Standard SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
9	901003001	A/R	Nut, Nylock 1/4-20 SS	
10	902003030	A/R	Washer, Flat 1/4 SS	
11	900031812	A/R	Bolt, Carriage 1/4-20 x 2 1/4" SS	
12	610000152	1	Nozzle, Fence Row	
13	690001538	1	Bracket, Fence Row Nozzle	
14	640020002	1	Fitting, 1/4" MPT x 1/4" Compression	
15	610000151	A/R	Nozzle Body, Triple Outlet	
16	900031811	A/R	Bolt, Carriage 1/4-20 x 2 3/4" SS	
17	600000171	A/R	Bracket, Nozzle Body Ext Straight 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	600000169	A/R	Bracket, Nozzle Body Ext Offset Left SS, 2" Tube	Used on Inner Booms with 2" bottom tube
20	600000168	A/R	Bracket, Nozzle Body Offset Right SS, 2" Tube	Used on Inner Booms with 2" bottom tube
21	600000167	A/R	Bracket, Nozzle Body Offset Left SS, 2" Tube	Used on Inner Booms with 2" bottom tube
22	600000166	A/R	Bracket, Nozzle Body Standard SS, 2" Tube	Used on Inner Booms with 2" bottom tube
23	610000160	1	Fence Row, Nozzle/Shutoff Valve	
24	640020000	1	Fitting, 1/4" Popfit 90 Deg	
25	900002611	A/R	Bolt, HHCS 5/16-18 x 1" SS	
	700000526	1	Harness, Fence Row 80' Boom	
	700000527	1	Harness, Fence Row 90' and 100' Boom	
	K65000171	A/R	Kit, Fence Row Nozzle 60/80' and 80'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.
	K65000172	A/R	Kit, Fence Row Nozzle 60/90', 90' and 100'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.

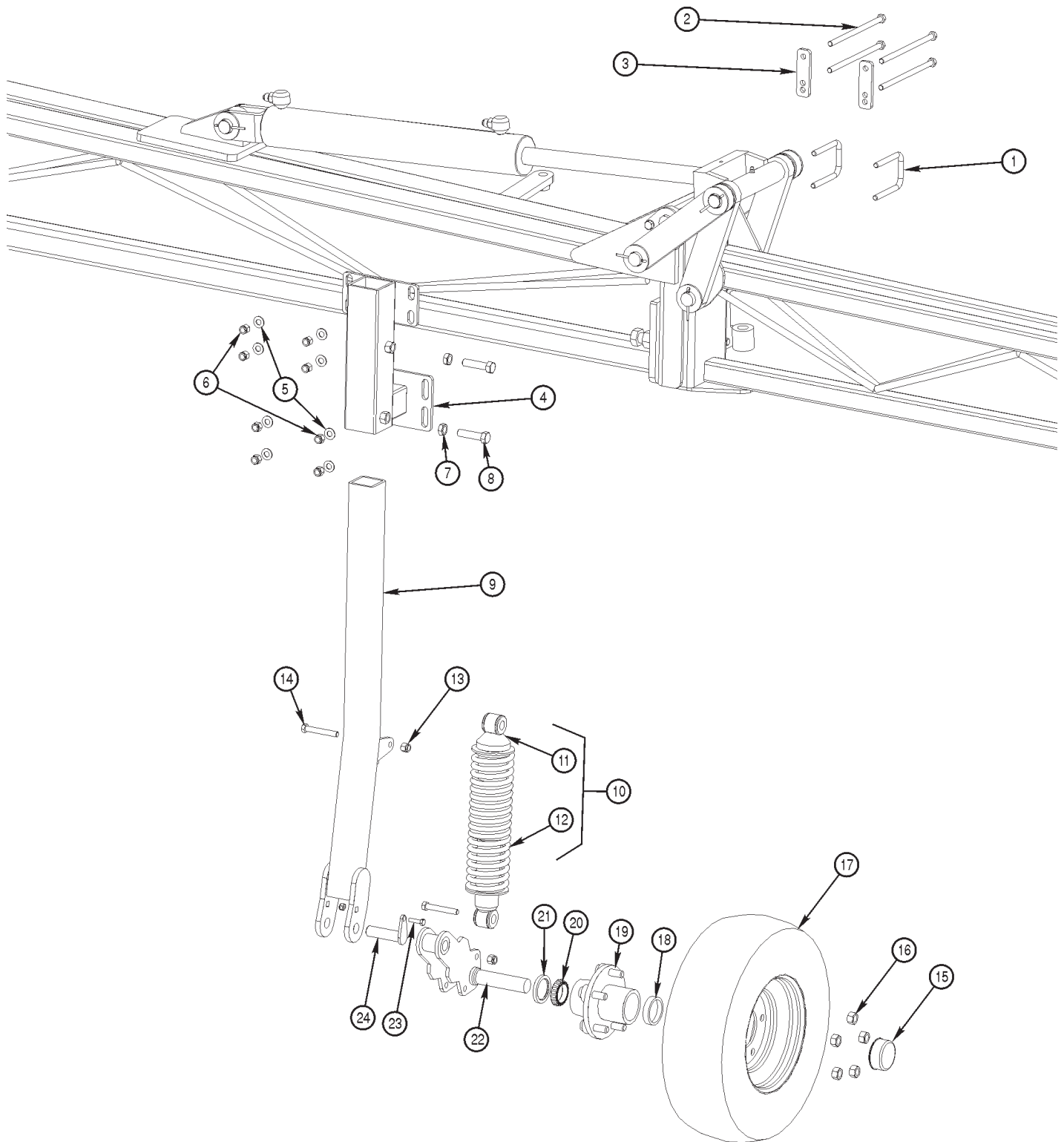
AutoBoom

Eye Assembly



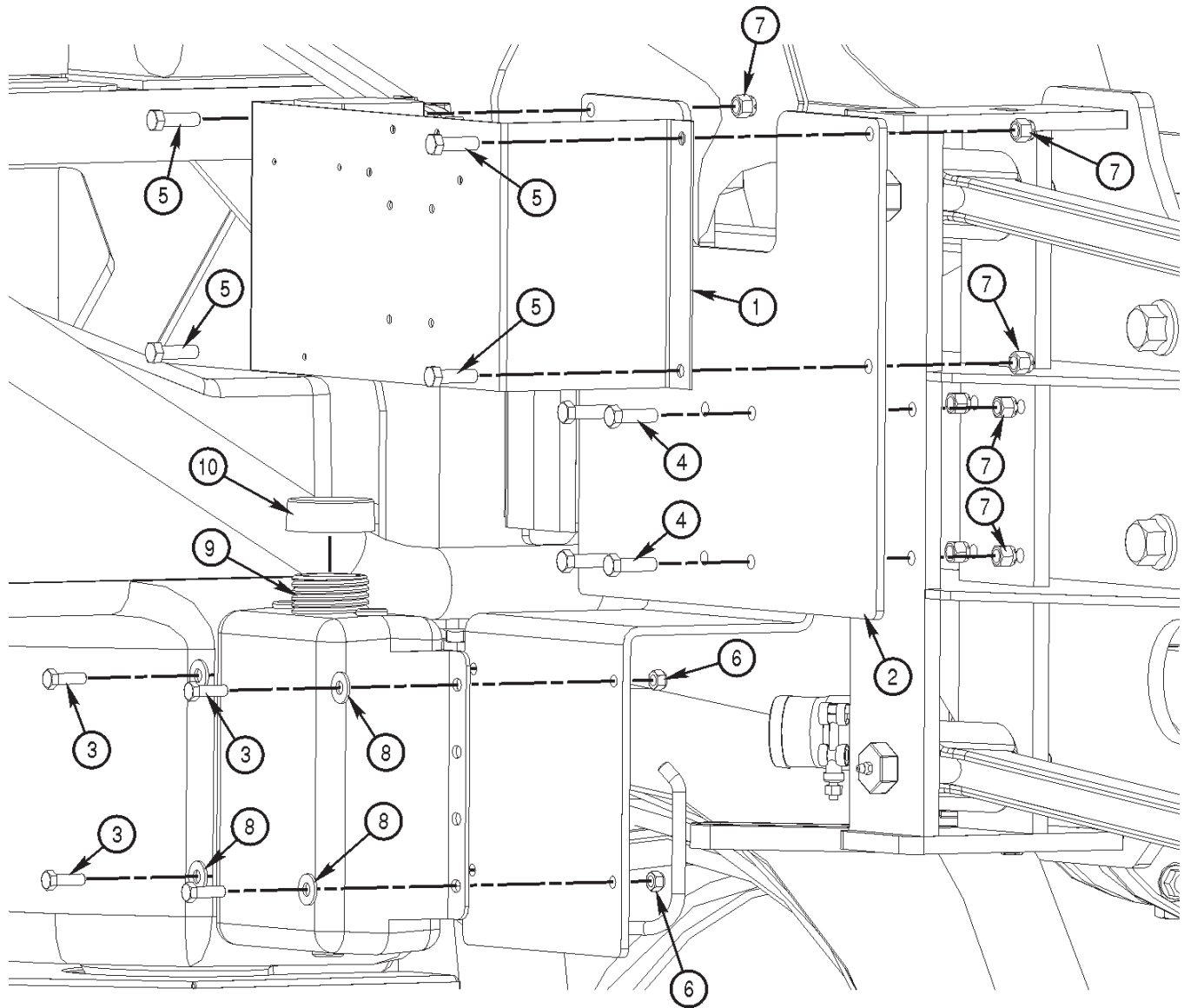
Item	Part Number	Qty	Description	Comments
1	115-0171-362	1	Housing, Upper	
2	106-0159-628	1	Housing, Lower	
3	106-0159-626	1	Arm, Mounting	
4A	690000020	4	U-bolt, 3/8-16 x 1 1/2" x 2 1/2"	Used to mount both wing eyes
4B	690000021	2	U-bolt, 3/8-16 x 2" x 3"	Used to mount center eye
5	901003020	12	Nut, Nylock 3/8-16	
	690000019	2	Clamp Plates	
	900106531	4	Bolt, 3/8-16 x 8"	Used to mount center rack eye
	611000080	1	Eye, Ultrasonic R/H	
	611000081	1	Eye, Ultrasonic L/H	
	611000194	1	Eye, Ultrasonic Center Rack	
	700000530	2	Harness, 45' Ext Ultrasonic Eye	Used on all boom lengths
	700000519	2	Harness, Jumper 100 ft boom	Required for 100 ft booms
	K65000194		Kit, Ultra Glide Plus	
	611000199		Ultrasonic Sensor	Sensor Only
	K65000195		Kit, Ultra Glide with Wheels	

Wheel Assembly



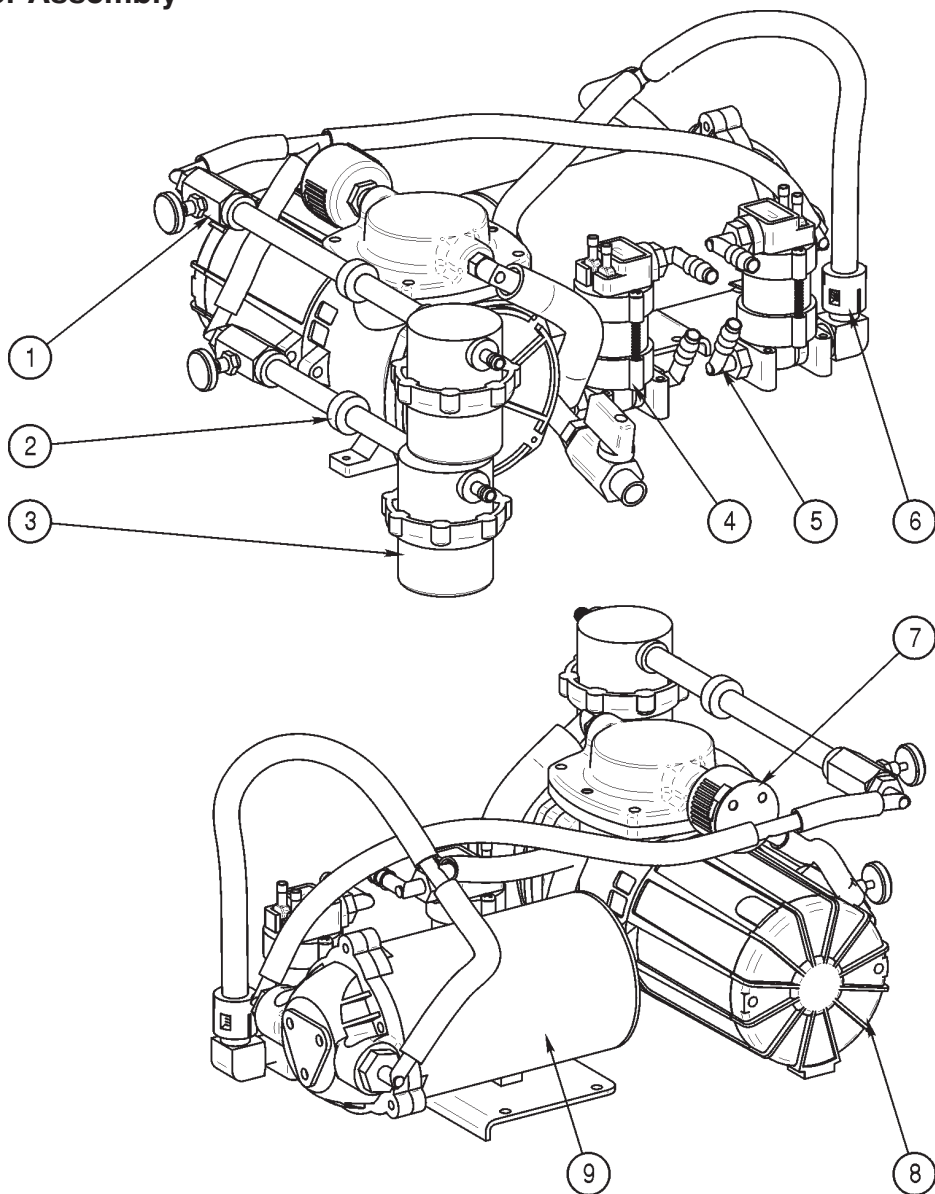
Item	Part Number	Qty	Description	Comments
1	690000021	4	U-Bolt, 3/8-16 x 2" W x 3" L	
2	900106531	8	Bolt, HHCS 3/8-16 x 8	
3	690000019	4	Clamp Plate, Autoboom wheel bracket	
4	690000018	2	Bracket, Autoboom Wheel	
5	902003045	16	Washer, Flat 3/8" ZP	
6	901003020	16	Nut, Nylock 3/8" ZP	
7	901000541	4	Nut, Jam 1/2-13	
8	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2" G5 ZP	
9	611000207	1	Support Leg, Autoboom wheel	
10	K65000188	1	Assembly, Shock	Includes shock and spring
11	611000206	1	Shock, AutoBoom	Shock Only
12	611000205	1	Spring, AutoBoom	Spring Only
13	901100741	2	Nut, Nylock M10	
14	900100002	2	Bolt, M10 x 1.50 x 60mm	
15	740000061	1	Cap, Hub AutoBoom Wheel	
16	900100041	5	Nut, 1/2-20 Lug AutoBoom Wheel	
17A	611000169	1	Rim & Tire Assembly, Run Flat	
17B	611000150	1	Rim & Tire Assembly, Treaded	
18	611000159	1	Bearing, Wheel Hub	
19	611000168	1	Hub Assembly, AutoBoom Wheel	Seal P/N 611000158
20	611000209	1	Needle Bearing, Pivot	
21	611000158	1	Seal	
22	611000166	1	Pivot, AutoBoom Wheel	
23	900002610	1	Bolt, HHCS 5/16-18 x 1" G5 ZP	
24	611000165	1	Pin, Flag AutoBoom Wheel	
	611000127	1	Wheel Kit	Includes Items 9 through 24 for Both Sides.
	K65000193	1	Kit, AutoBoom PowerGlide	

Foamer Tank and Pump



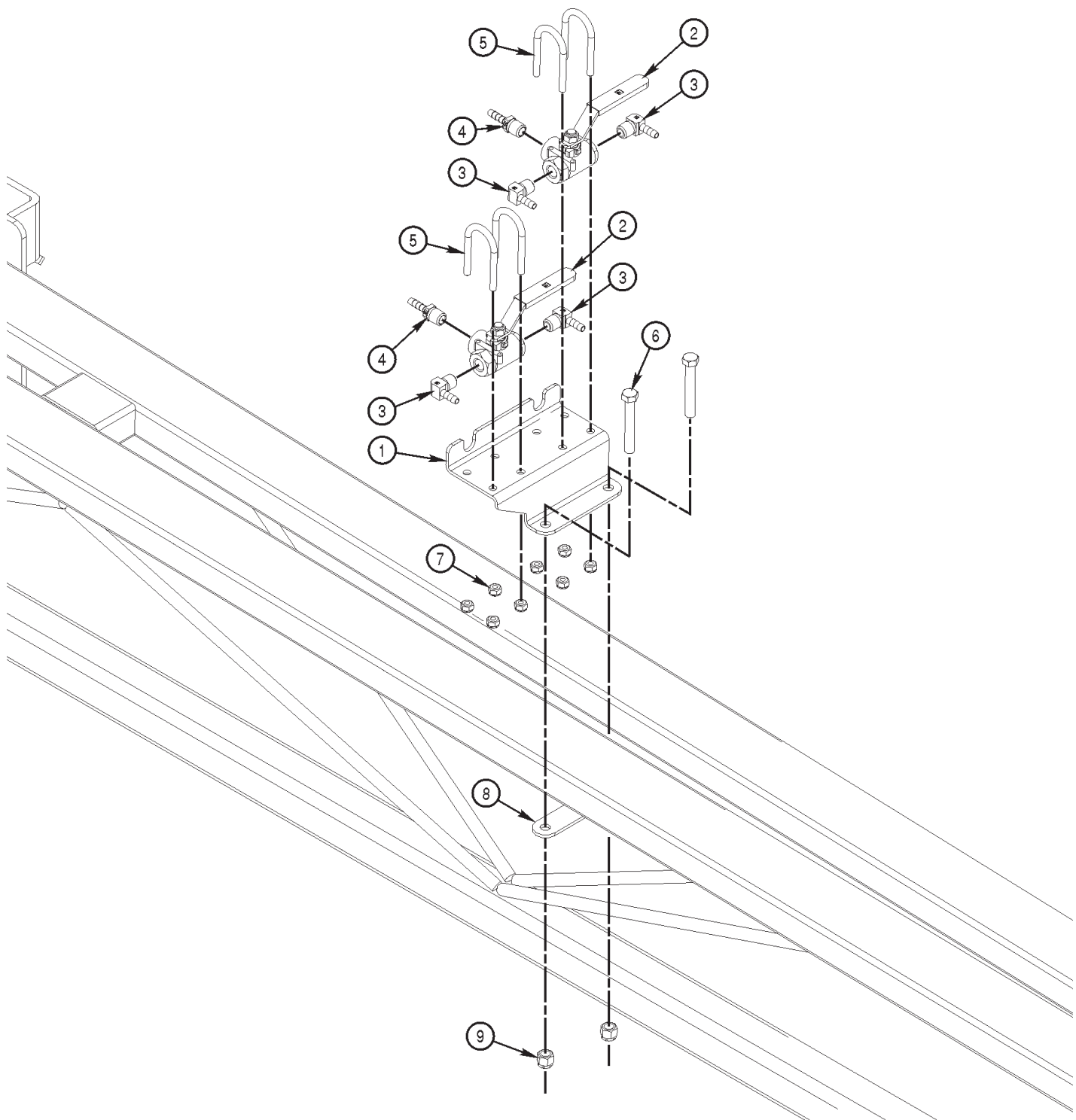
Item	Part Number	Qty	Description	Comments
1	540000500	1	Foam Marker, Smucker Landmark	Foamer Assembly with 2 Foam drops
2	690001552	1	Bracket, Foam Marker	
3	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
4	900002835	4	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
5	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
6	901003000	4	Nut, Nylock 1/4-20 ZP	
7	901003020	8	Nut, Nylock 3/8-16 ZP	
8	902003035	4	Washer, Flat 1/4-20 ZP	
9	540000507	1	Tank, Foamer	
10	540000516	1	Lid, Foamer Tank	
	K65000197	A/R	Kit, Foam Marker Combo Boom	
	K65000198	A/R	Kit, Foam Marker Straight Boom	

Foamer Pump and Compressor Assembly



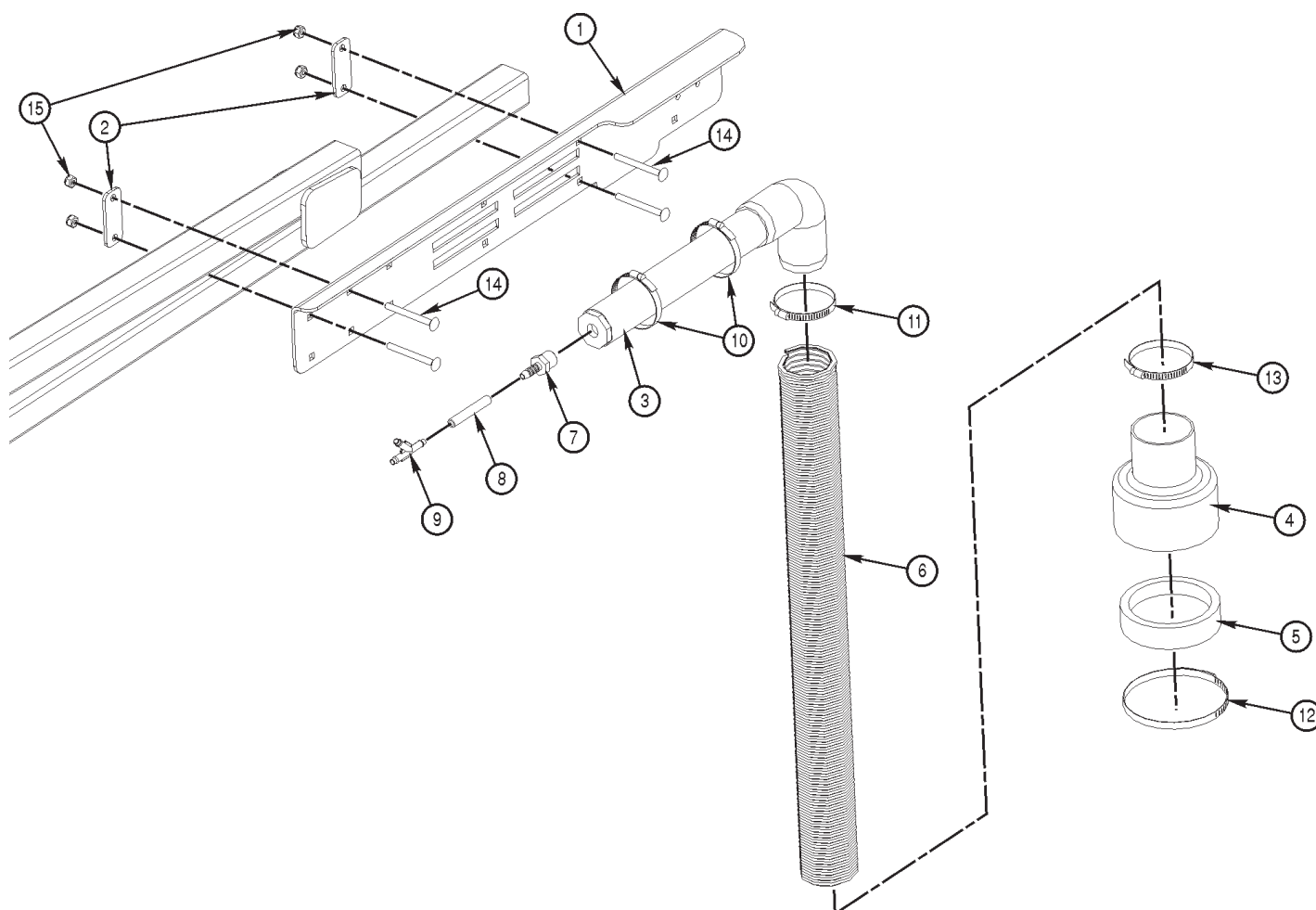
Item	Part Number	Qty	Description	Comments
1	540000527	2	Brass Needle Valve	
2A	540000088	2	Check Valve, Foamer	
2B	540000529	2	Check Valve, Foamer	New Style: White in Color, Approximately 1" long, Installed on newer foam markers.
3	540000061	2	Strainer, RVM Threaded	1/4" Hose Barb Ends P/N 540000530
4	540000079	2	Valve, Foam Marker	
5	540000526	5	Fitting, 1/4" PM x 1/4" HB 90	
6	540000512	1	Valve, Check 1/2" Thread Smucker	
7	540000005	1	Breather, Foamer Compressor	
8	540000506	1	Compressor, Air Foam Smucker	
9	540000510	1	Pump, Water Smucker	
	540000509	1	Housing, aluminum Smucker	Not shown
	540000501	A/R	Split Boom Kit, Smucker Parts Only	Kit includes two foam drop and chamber assemblies
	540000513	A/R	Harness, Foam Marker Smucker	Not shown
	K65000197	A/R	Foam Marker Kit, Combo Boom	Field ready, complete with hardware
	K65000198	A/R	Foam Marker Kit, Straight Boom	Field ready, complete with hardware
	540000500	1	Foam Marker, Smucker Landmark	Foamer assembly with two foam drops

Foam Splitter



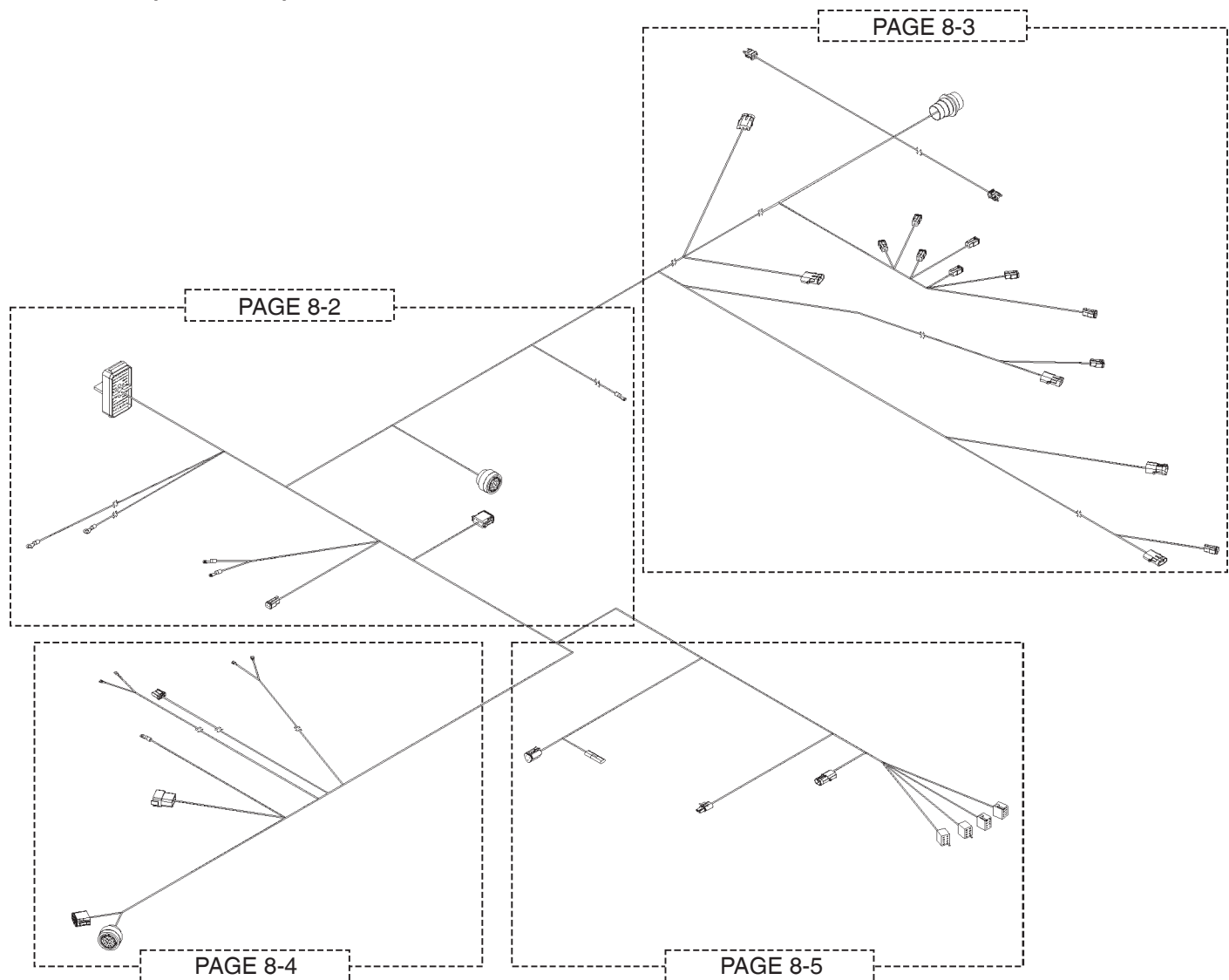
Item	Part Number	Qty	Description	Comments
1	690001546	1	Bracket, Foam Splitter Valve	
2	800401864	2	Valve, 3 Way Foam Marker Split 1/4, 1/4, 1/4	
3	800401863	4	Fitting, 1/4 Pipe 90 1/4 HB	
4	800000025	2	Barb, Hose 1/4 x 1/4 P 125HBL-4-4	
5	915002564	4	U-Bolt 1/4-20 x 1 3/8" Dia	
6	900002855	2	Bolt, HHCS 3/8-16 x 2 1/2 G5 ZP	
7	901003000	8	Nut, Nylock 1/4-20 ZP	
8	600000173	1	Bracket, Clamp Plate 2 Section Valve	
9	901003020	2	Nut, Nylock 3/8-16 ZP	

Foam Drop Tube



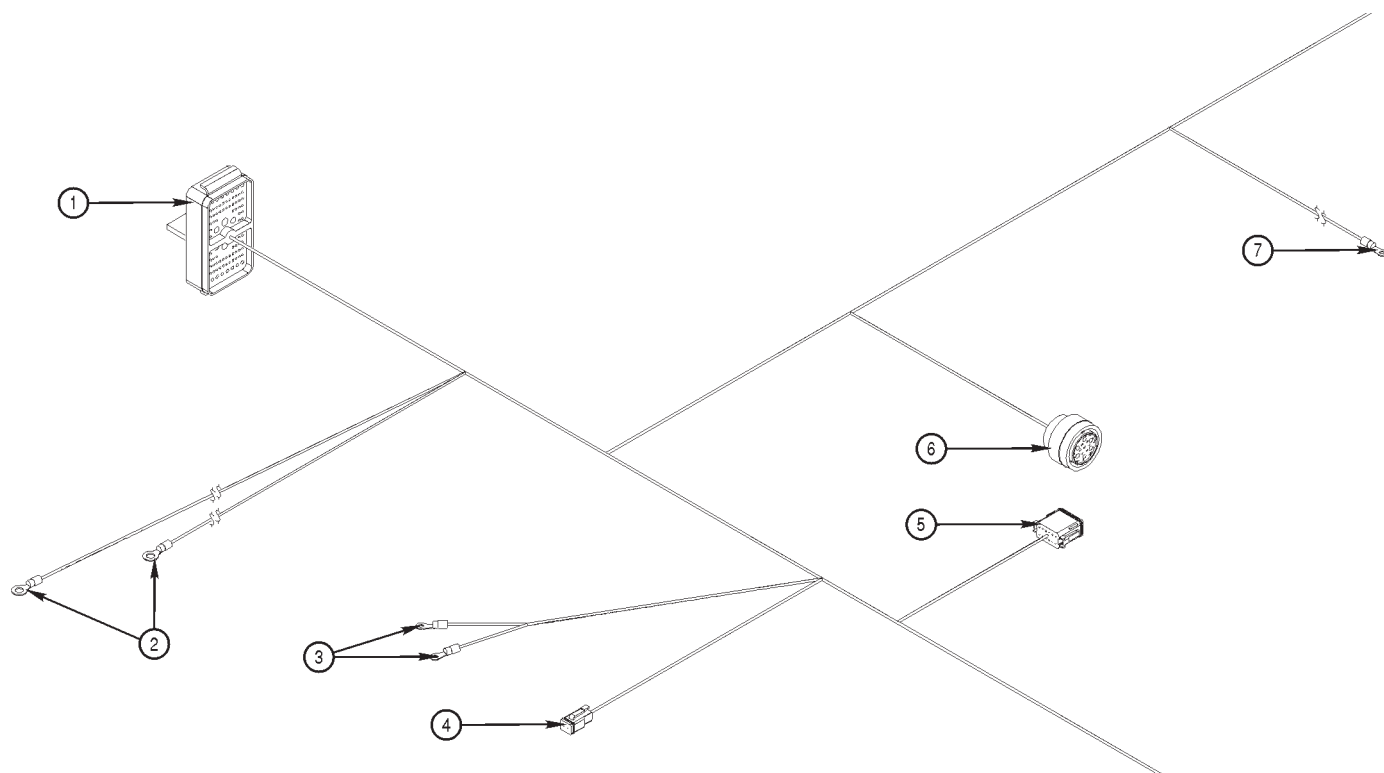
Item	Part Number	Qty	Description	Comments
1A	690001540	1	Bracket, Foam Drop R/H	
1B	690001541	1	Bracket, Foam Drop L/H	
2	690001542	2	Plate, Clamp 1.5"	
3	540000503	1	Foam Chamber	Less Nozzle and Boot
4	540000514	1	Boot, Foam Drop	
5	540000505	1	Screen and Ring in foam boot	
6	540000515	1	Hose, Drop Tube	
7	540000518	1	Fitting, 3/8 OM x 1/4 HB	
8	540000519	1	Hose, 1/4 Clear Vinyl 3" Long	
9	540000517	1	Hose Barb Y 1/4 x 1/4 x 1/4	
10	915001302	2	Clamp, Screw # 24	
11	915001303	1	Clamp, Screw # 32	
12	915001305	1	Clamp, Screw # 064	
13	915001304	1	Clamp, Screw # 40	
14	900106521	4	Bolt, Carriage 1/4-20 x 2 1/2	
15	901003000	4	Nut, Nylock 1/4-20 ZP	
	K65000197	A/R	Kit, Foam Marker Combo Boom	
	K65000198	A/R	Kit, Foam Marker Straight Boom	
	540000504	A/R	Foam Drop Assembly	Includes items 3 - 13
	540000525	A/R	Sock in foam boot	
	RM800160	A/R	Hose, 1/4" Black Vinyl	Foamer Hose
	640100138	A/R	Hose Mender 1/4"	Not Shown

Electrical
Main Harness
All Models (Overview)



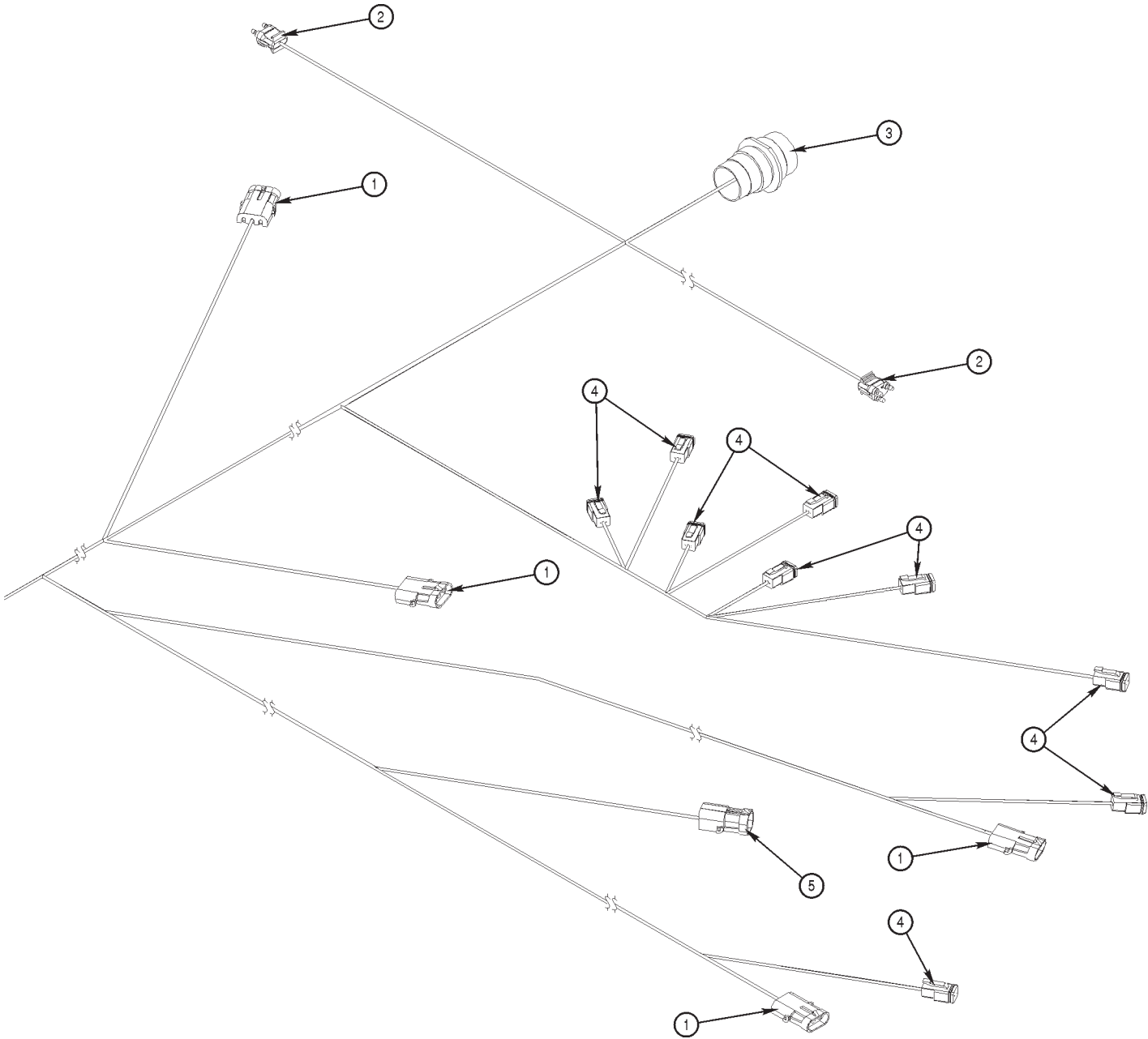
Item	Part Number	Description	Comments
	700000534	Harness, Main	Complete Harness

Detail 1



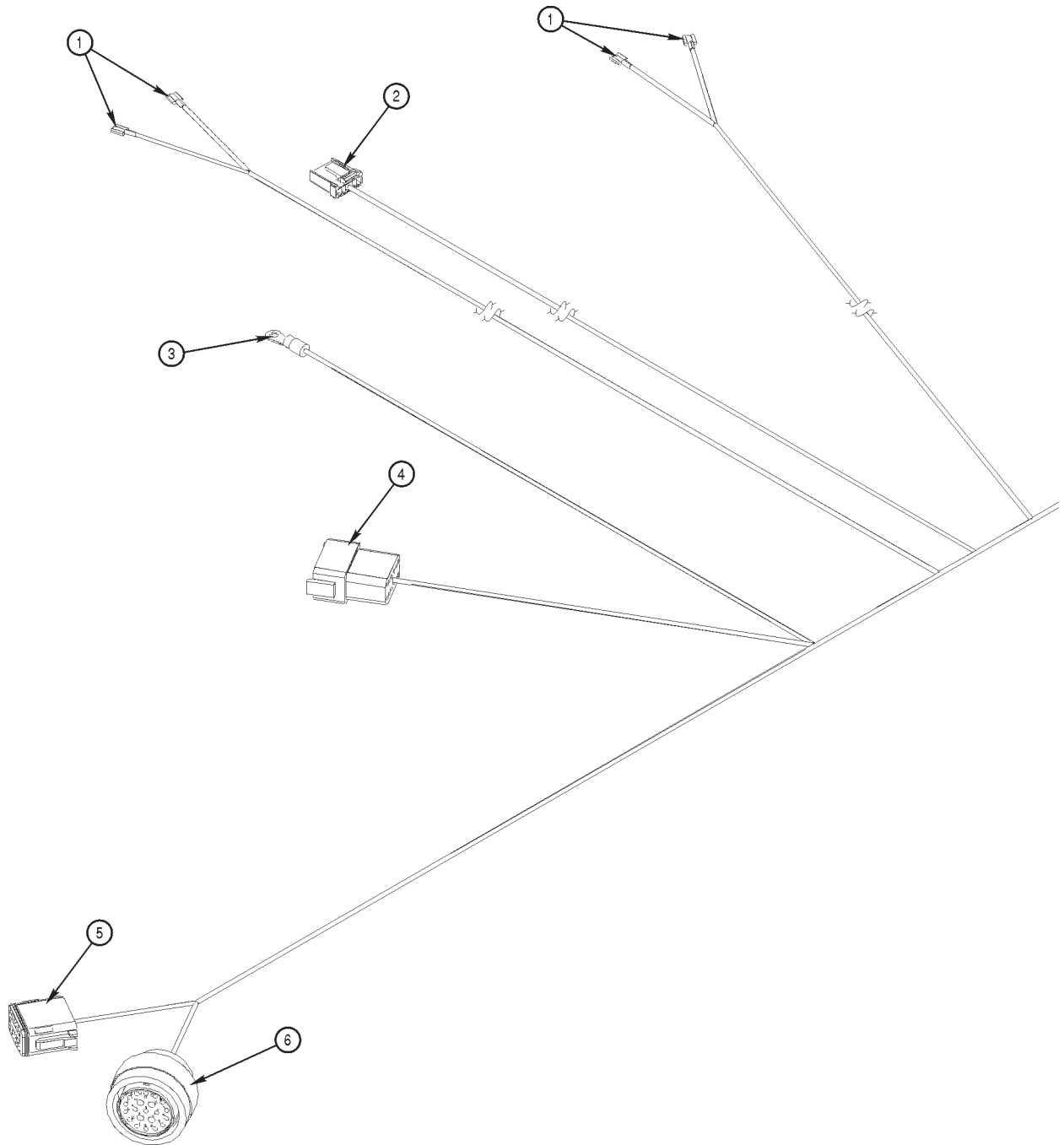
Item	Part Number	Description	Comments
1	700000025	Connector, Deutsch DRB12-102 Pane	Connects to Cab Harness
2	700000015	Connector, 5/16" Ring Terminal	Cab Battery Power and Ground
3	700000148	Connector, #6 Ring Terminal	Brake Switch Power and Signal
4	700000099	Connector, Deutsch DT06-2S	Parking Brake
5	700000027	Connector, Deutsch DT06-12SA	Adjust On the Go
6	760000009	Connector, Deutsch HDP26-24-19SN	Connects to HVAC
7	700000029	Connector, 3/16" Ring Terminal	Connects to Hydraulic Temperature

Detail 2



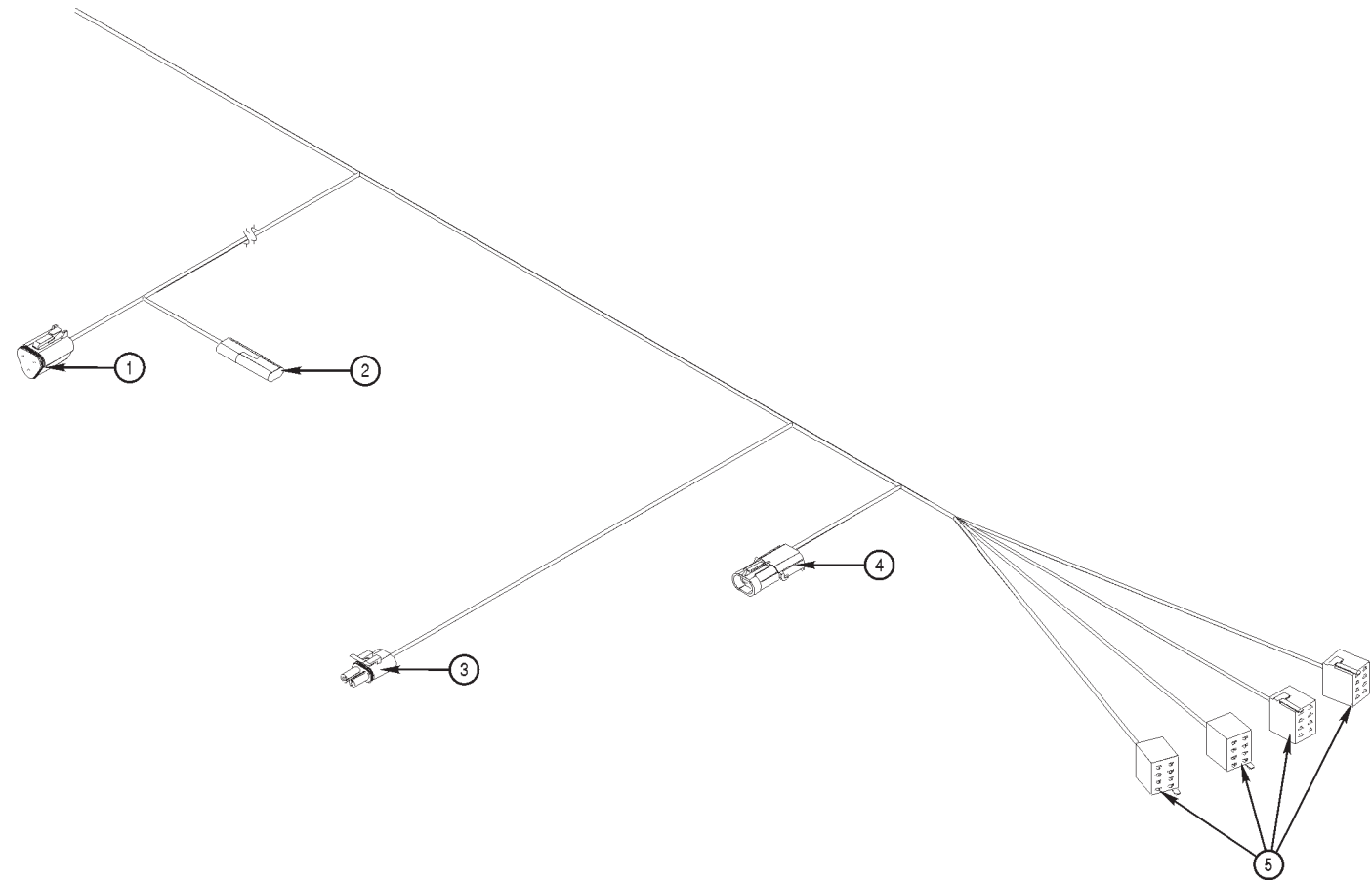
Item	Part Number	Description	Comments
1	700000031	Connector, Weatherpack 3 Pos	Left and Right Turn, Left and Right Suspension
2	700000036	Connector, Rear Turn Signal	Left and Right Brake Signal
3	700000207	Connector, Deutsch HD34-24-31PT	Connects to Boom Harness
4	700000099	Connector, Deutsch DT06-2S	Suspension Up/Down, Rack Up/Down, Product Pump
5	700000055	Connector, Weatherpack 4 Pos SH SQ	Connects to Foamer

Detail 3



Item	Part Number	Description	Comments
1	700000008	Connector, 1/4" Female Spade	Connects to Washer Bottle and Horn
2	760000010	Connector, Delphi 6-Pin 12040953	Connects to Water Valve
3	700000029	Connector, 3/16" Ring Terminal	Transmission Temperature
4	700000057	Connector, Deutsch DT04-12PA	Connects to Transmission
5	700000027	Connector, Deutsch DT06-12SA	Connects to Engine Accessory
6	700000028	Connector, Deutsch HDP26-24-21SN	Connects to Engine Harness

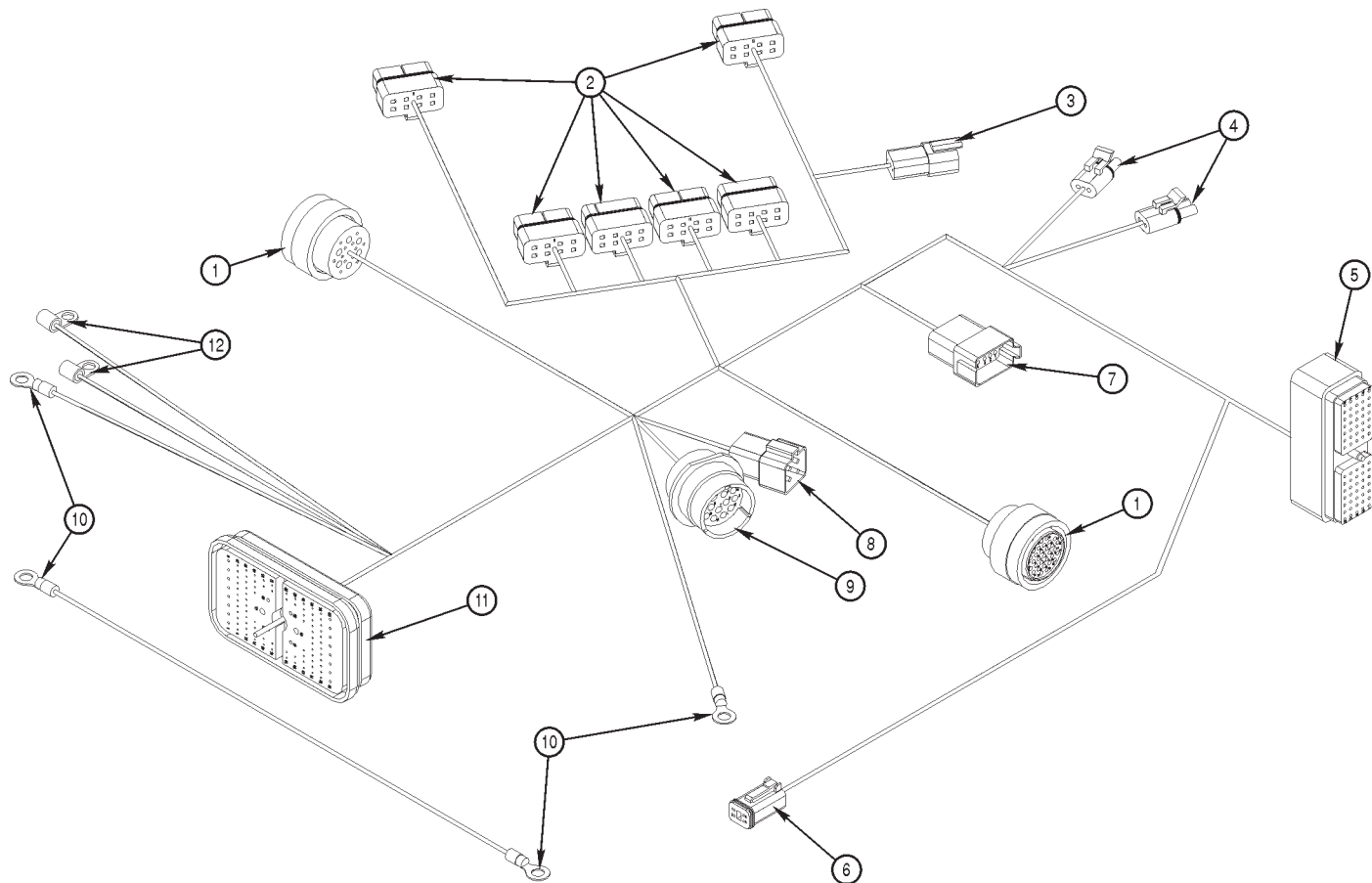
Detail 4



Item	Part Number	Description	Comments
1	700000143	Connector, Deutsch DT06-3S	Connects to Fuel Sender
2	750000003	Voltage Suppressor BI-DIR 600W	Voltage Suppressor
3	700000005	Connector, Weatherpack 2 Pos	Connects to Agitate Valve
4	700000026	Connector, Weatherpack 2 Pos	Connects to Fill Light Station
5	760000011	Connector, Carling 8 Pos VCH-01	Connects to Fill Station Switches

Cab Harness

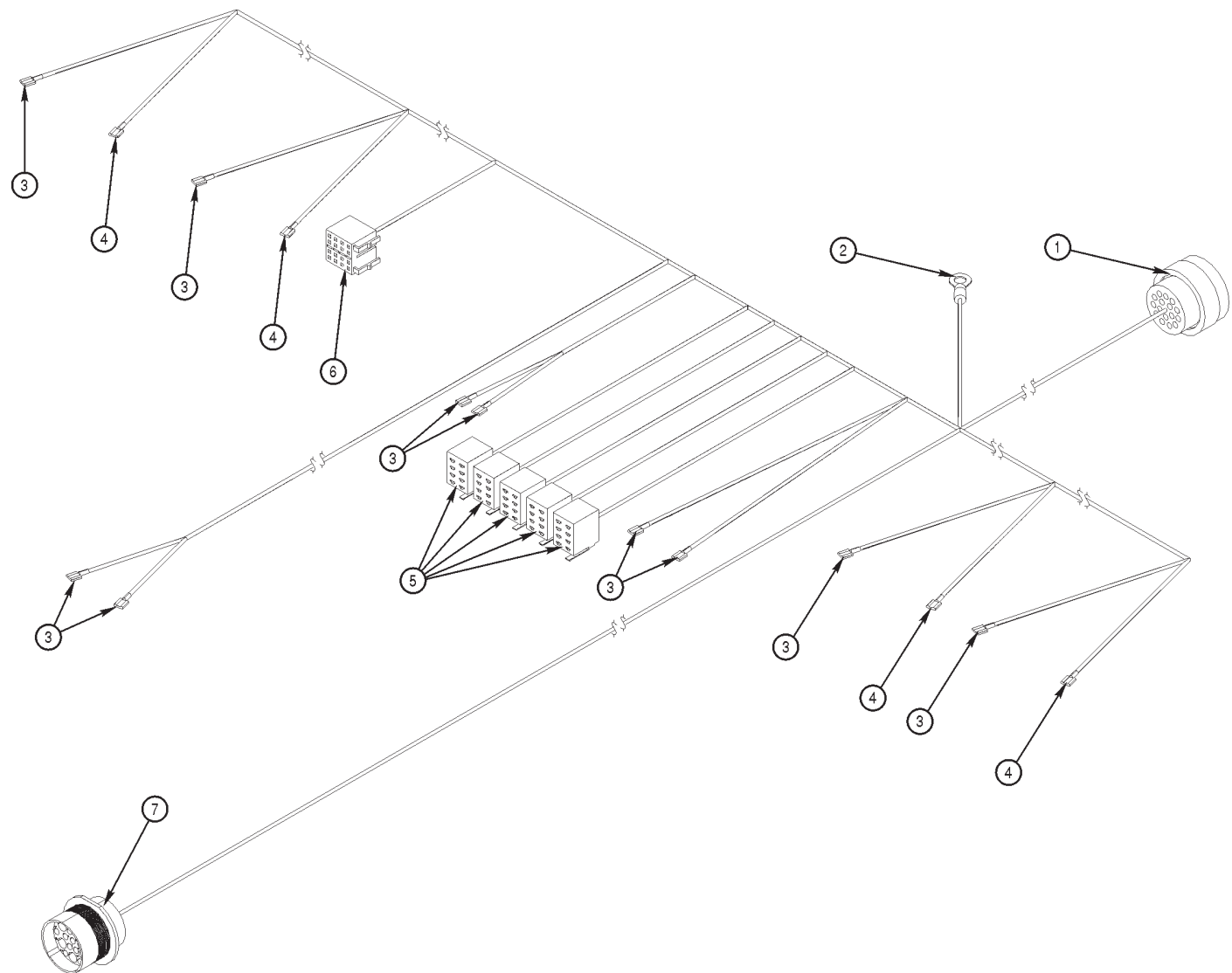
All Models



Item	Part Number	Description	Comments
1	760000013	Connector, Deutsch HDP26-24-19SE	Connects to Steering Column
2A	700000129	Connector, Bussman 32006-G22 (Orange)	Connects to Fuse Block
2B	700000128	Connector, Bussman 32006-F22 (Red)	Connects to Fuse Block
2C	700000018	Connector, Bussman 32006-B22 (Grey)	Connects to Fuse Block
2D	700000127	Connector, Bussman 32006-H22 (Brown)	Connects to Fuse Block
2E	700000019	Connector, Bussman 32006-C22 (Green)	Connects to Fuse Block
2F	700000126	Connector, Bussman 32006-D22 (Blue)	Connects to Fuse Block
3	700000024	Connector, Deutsch DT04-2P	Connects to Trans Relay
4	700000005	Connector, Weatherpack 2 Pos	Connects to Aux Battery and Aux Ignition Power
5	700000145	Connector, Deutsch DRC16-70SA	Connects to Console
6	700000079	Connector, Deutsch DT06-4S	Connects to Seat Power
7	700000057	Connector, Deutsch DT04-12PA	Connects to Raven Harness
8	700000139	Connector, Deutsch DTP04-4P	Connects to Ignition Power
9	760000012	Connector, Deutsch HDP24-24-16PN	Connects to Battery Power
10	700000015	Connector, 5/16" Ring Terminal	Chassis Ground, Relay Power
11	700000033	Connector, Deutsch DRB16-102SAE-L018	Connects to Main Harness
12	700000144	Terminal, Thomas and Betts E272	Fuse Block Battery and Ground
	700000535	Harness, Cab	Complete Harness

Upper Cab Harness

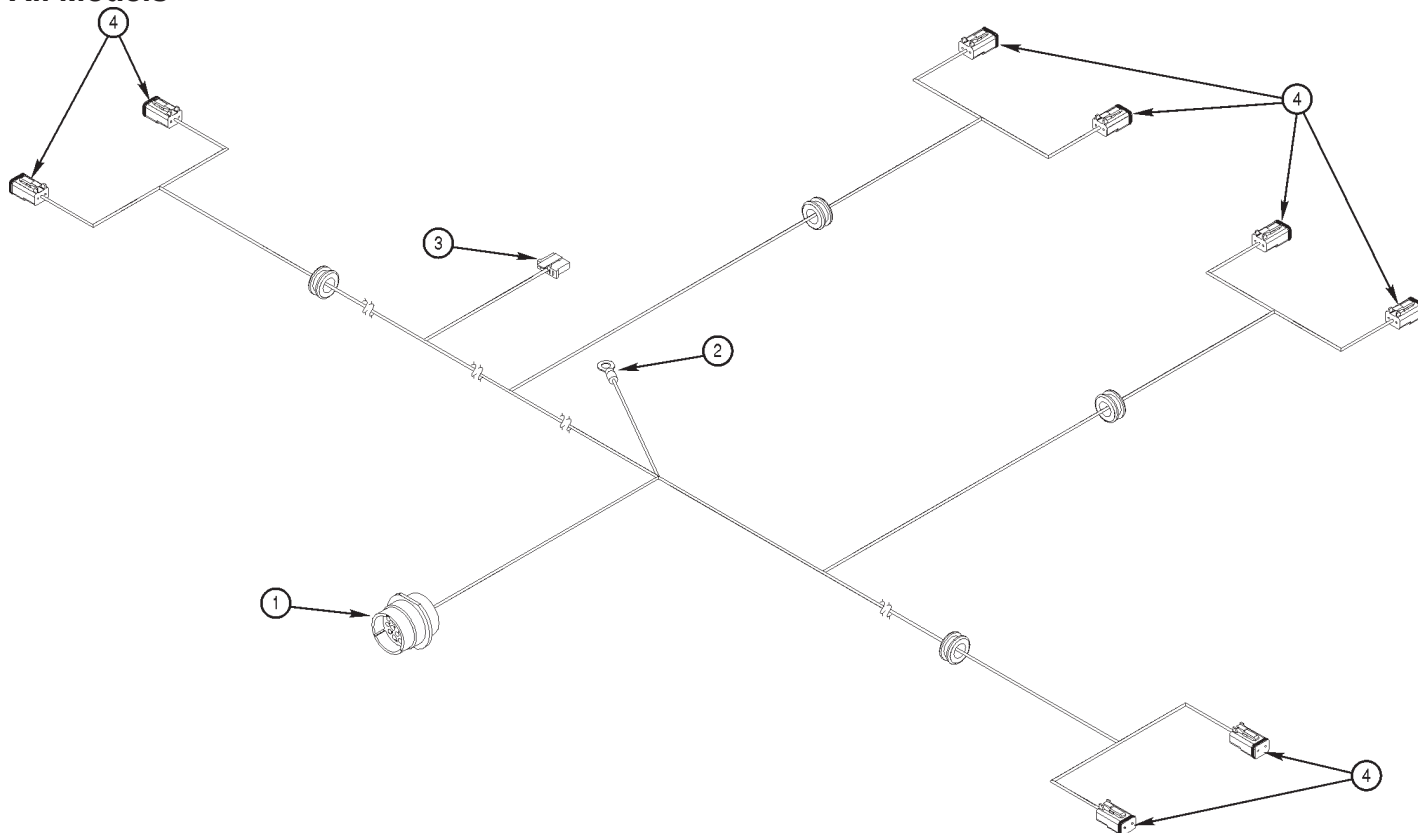
All Models



Item	Part Number	Description	Comments
1	760000015	Connector, Deutsch HD36-24-16SN	Connects to Roof Harness
2	700000015	Connector, 5/16" Ring Terminal	Upper Cab Ground
3	700000008	Connector, 1/4" Female Spade	Connects to Powerpoint, Speakers, Pann Light
4	700000157	Connector, 3/16" Female Spade	Connects to Speakers
5	760000011	Connector, Carling 8 Pos VCH-01	Connects to Lights
6	760000016	Connector, Radio Packard	Connects to Radio
7	760000014	Connector, Deutsch HDP24-24-19PE	Connects to cab Harness
	700000536	Harness, Upper Cab	Complete Harness

Cab Roof Harness

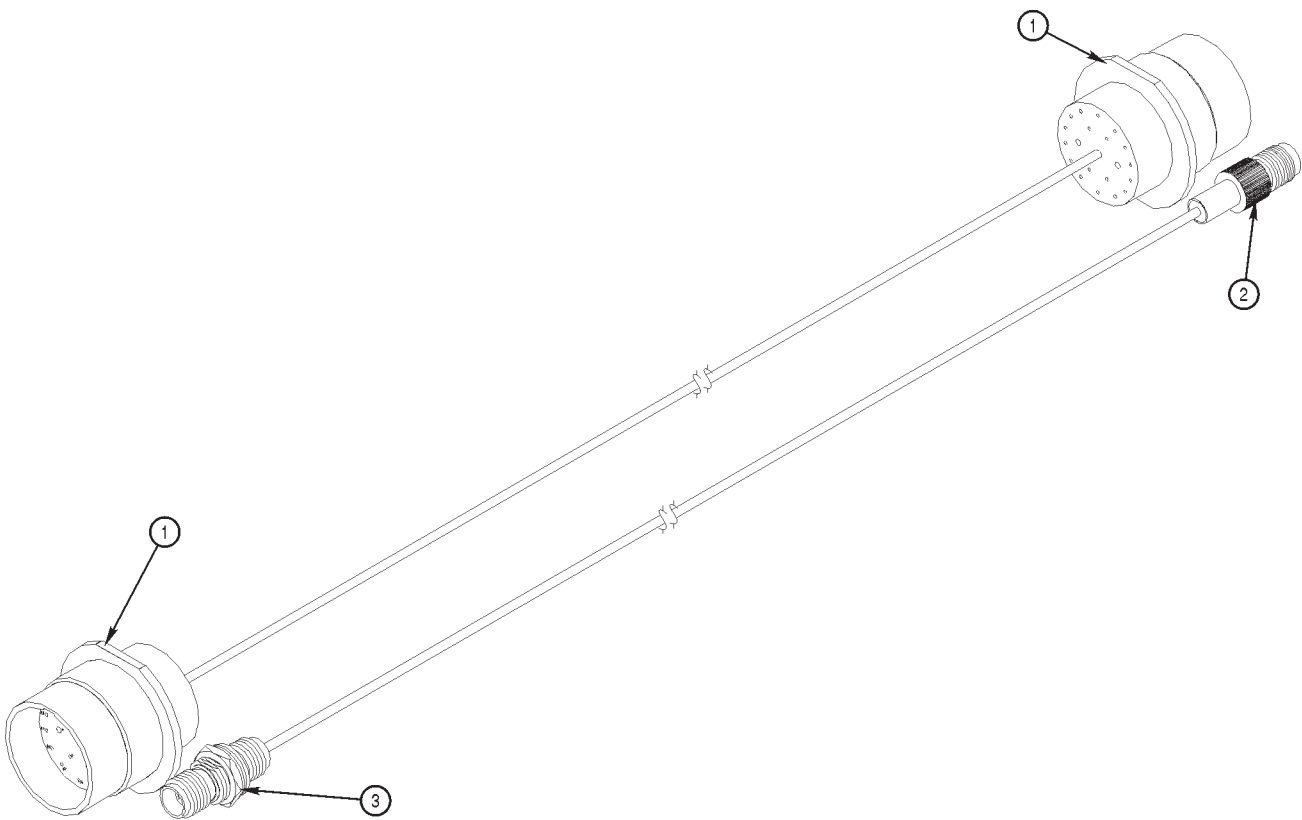
All Models



Item	Part Number	Description	Comments
1	760000028	Connector, Deutsch HD34-24-16PN	Connects to Cab Floor
2	700000015	Connector, 5/16" Ring Terminal	Connects to Cab Ground
3	760000029	Connector, Delphi 5 Pos	Connects to Wiper Motor
4	700000099	Connector, Deutsch DT06-2S	Connects to Lights
	700000548	Harness, Cab Roof	Complete Harness

Antenna Harness

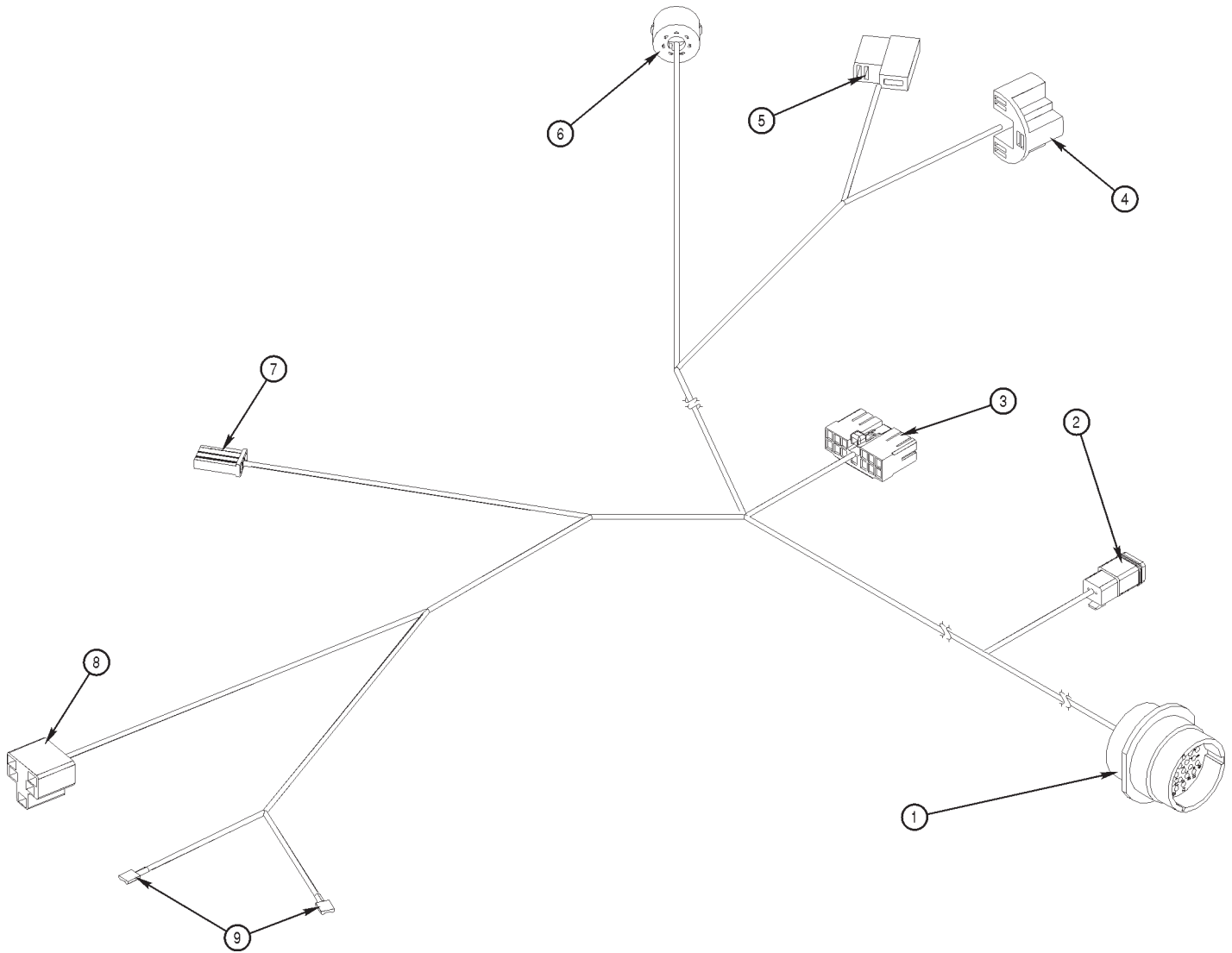
All Models



Item	Part Number	Description	Comments
1	700000205	Connector, Deutsch HD34-18-20PN	Antenna Roof / Inner Cab
2	760000018	Connector, Coax TNC Female Crimp	Antenna Inner Cab
3	760000017	Connector, Coax TNC Female BH	Antenna Roof
	700000537	Harness, Antenna (Under Roof)	Complete Harness

Steering Column Harness

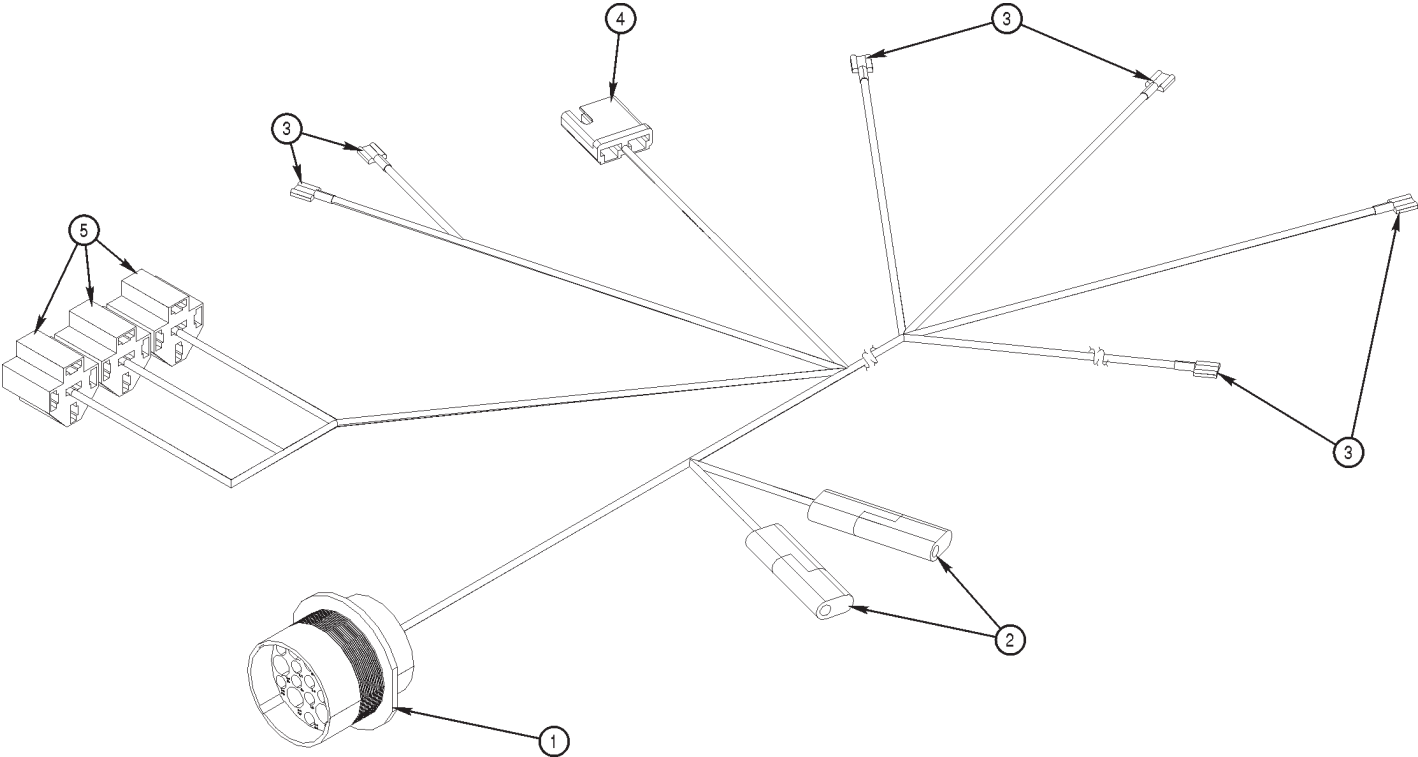
All Models



Item	Part Number	Description	Comments
	760000002	Connector, Deutsch HDP24-24-31PT	Connects to Cab Harness
	700000099	Connector, Deutsch DT06-2S	Connects to Differential Lock
	760000003	Connector, AMP 13-Pin MIC 172498-1	Connects to Turn Signal Switch
	760000007	Connector, Cobo 30.16.06571	Connects to Ignition Switch
	760000008	Connector, Cobo 30.16.06570	Connects to Ignition Switch
	760000006	Connector, AMA 7 Way 136104	Connects to Hazard Switch
	760000005	Connector, Molex 3-Pin 39-01-4036	Connects to Temperature Control Potentiometer
	760000004	Connector, Koch 5 Spade 754C3	Connects to Fan Switch
	700000008	Connector, 1/4" Female Spade	Connects to A/C switch
	70000532	Harness, Steering Column	Complete Harness

HVAC Harness

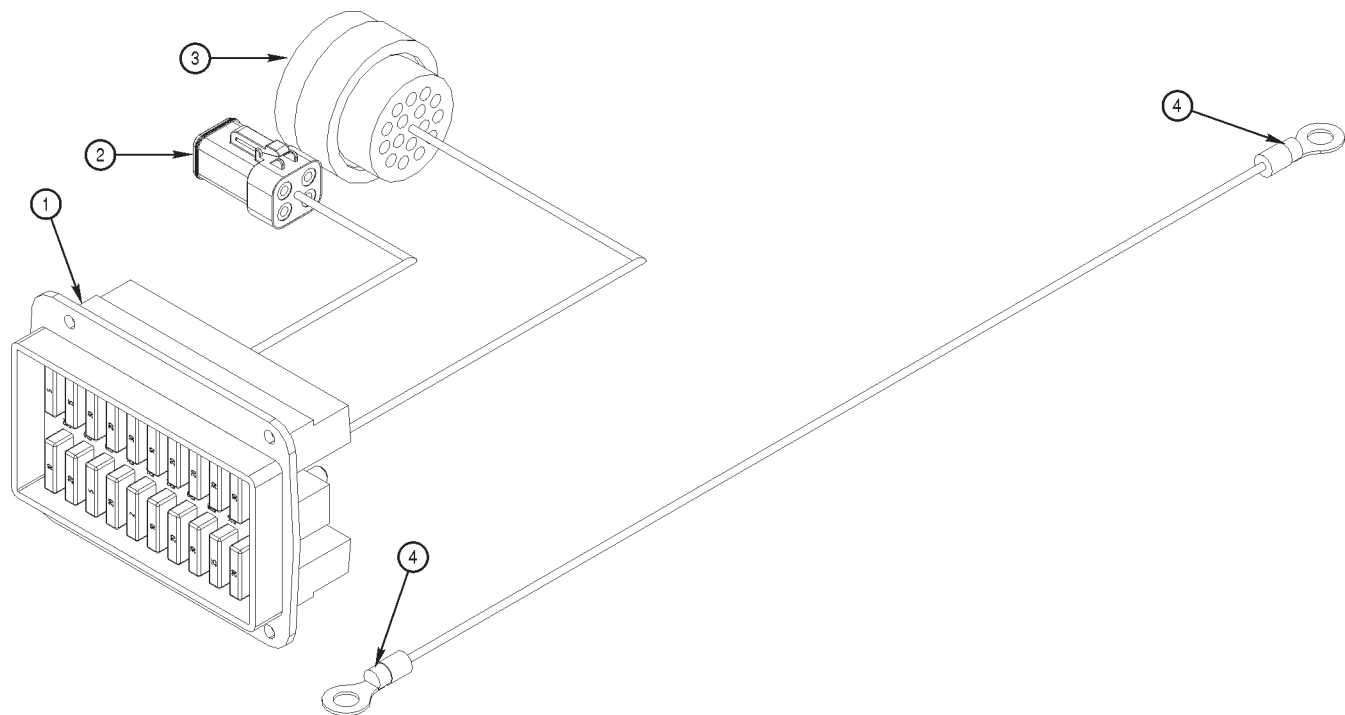
All Models



Item	Part Number	Description	Comments
1	700000147	Connector, Deutsch HDP24-24-19PN	Connects to Main Harness
2	750000005	Diode, 400V 6 Amp	Medium / High Speed Signal Diode
3	700000008	Connector, 1/4" Female Spade	Connects to Blower Speeds and Low Speed Rectifier
4	760000032	Connector, Delphi/Packard 2 Pos	Connects to Thermostat
5	700000092	Connector, Relay Base 5-Way	Connects to Blower Speeds
	7000000555	Harness, HVAC	Complete Harness

Bussman RT 15712 Harness

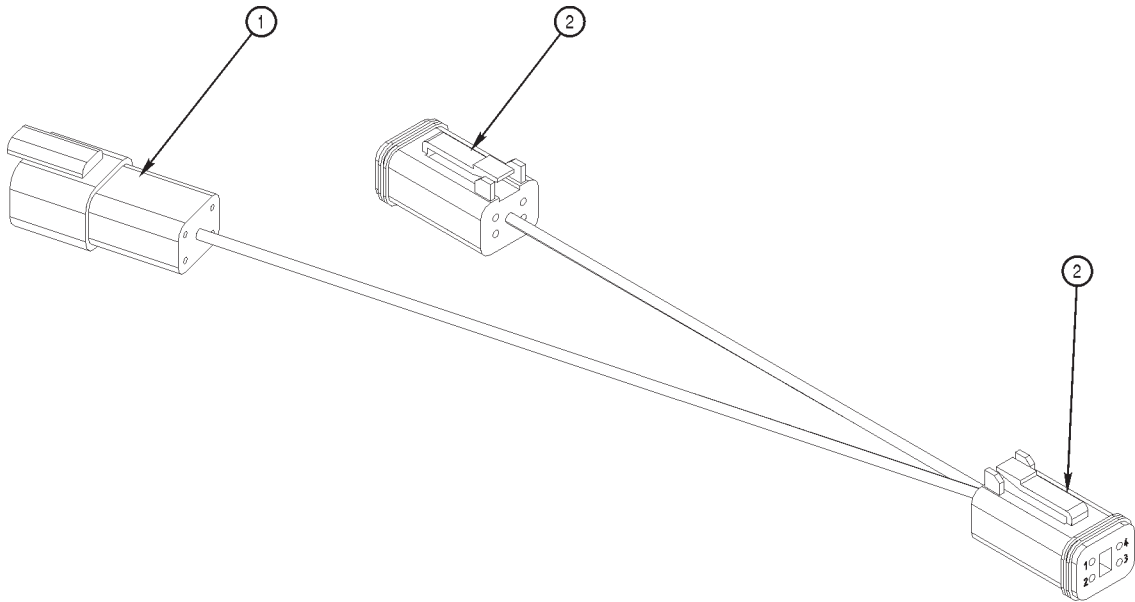
All Models



Item	Part Number	Description	Comments
1	700100301	Fuse Block, RT Bussman	Fuse Block
2	700000138	Connector, Deutsch DTP06-4S	Connects to Ignition Power Out
3	760000036	Connector, Deutsch HDP26-24-16SN	Connects to Battery Power Out
4	700000015	Connector, 5/16" Ring Terminal	Connects to Battery Power
	700100302	Harness, Bussman Rt 15712 Assembly	Complete Harness

CAN Tee Option Harness

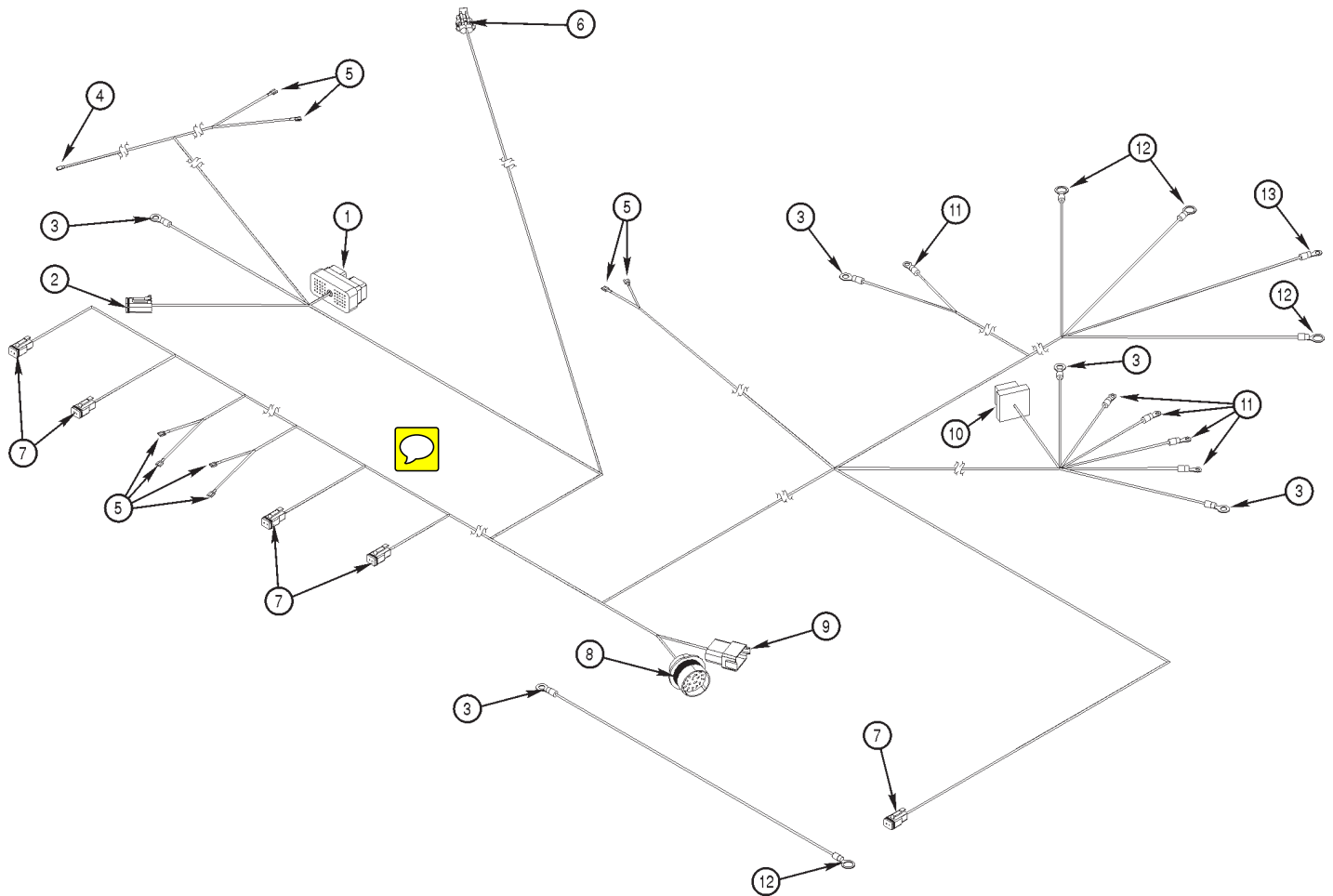
All Models



Item	Part Number	Description	Comments
1	700000085	Connector, Deutsch 4-Way Receptacle	CAN Signal In
2	700000079	Connector, Deutsch DT06-4S	CAN Signal Out
	740000047	Terminator, CAN	Not Shown
	700000517	Harness, CAN Tee Option	Complete Harness

Cummins Engine Harness

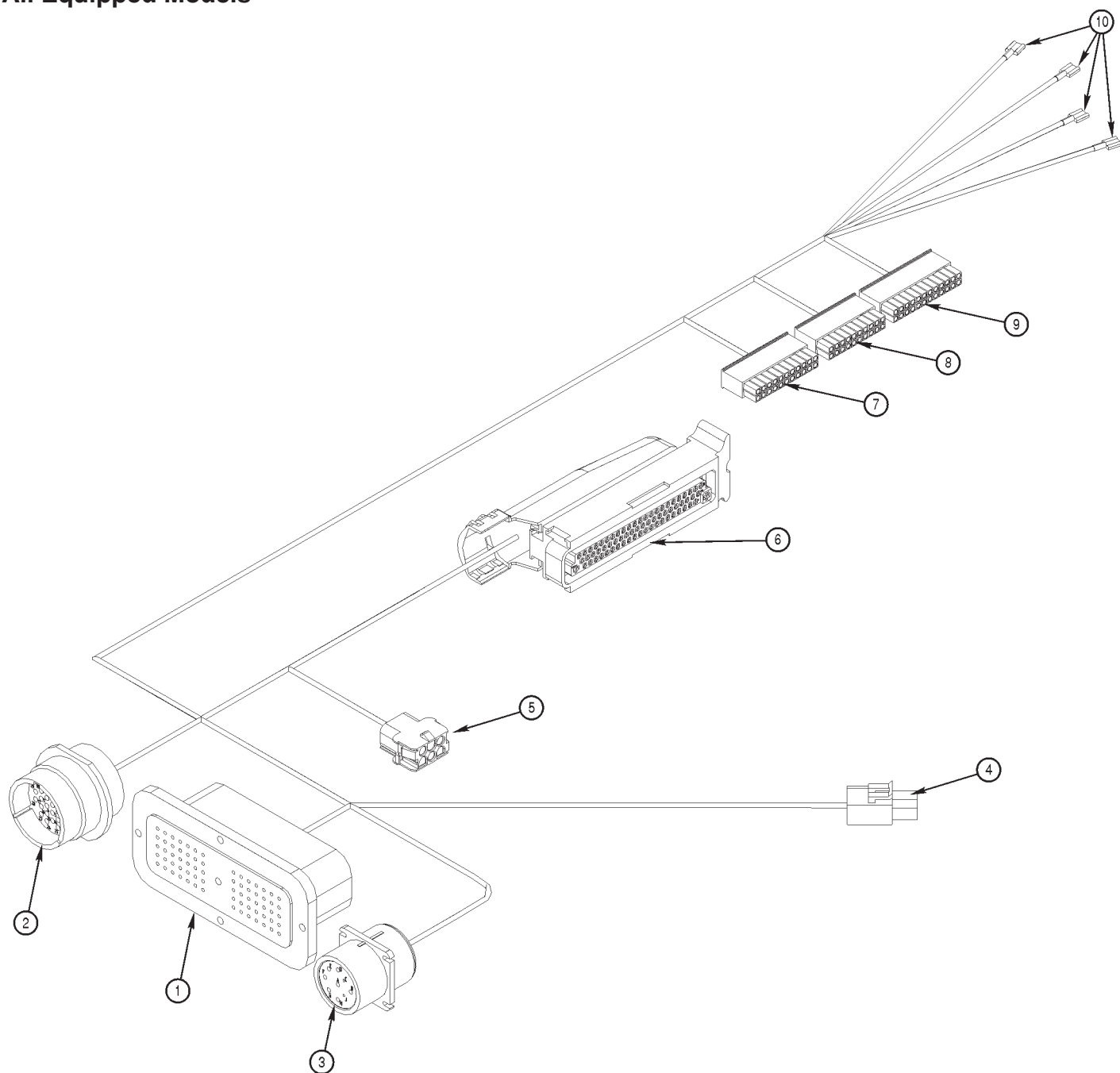
All Models



Item	Part Number	Description	Comments
1	700000081	Connector, Deutsch DRC26-50S04	Connects to Engine ECU
2	700000138	Connector, Deutsch DTP06-4S	Connects to ECU Power
3	700000015	Connector, 5/16" Ring Terminal	ECU Ground
4	700060310	Terminal Bullet 3/16"	Connects to A/C Compressor
5	700000008	Connector, 1/4" Female Spade	Pressure switch, Filter Indicator, Flood Lights
6	700000080	Connector, Packard 15300027	Connects to Coolant Level Sensor
7	700000099	Connector, Deutsch DT06-2S	Connects to Headlight and Destroke Valve
8	700000063	Connector, Deutsch HDP24-24-21-Pin	Connects to Engine Harness
9	700000057	Connector, Deutsch DT04-12PA	Connects to Accessory Harness
10	700000078	Connector, Packard Relay 4-Pin	Connects to Starter Relay
11	700000060	Connector, #10 Ring Terminal	Connects to Cold Start Solenoid Pwr/Grd
12	700000059	Connector, 1/2" Ring Terminal	Alternator Charge and Ground
13	700000058	Connector, 1/4" Ring Terminal	Connects to Start Relay
	700000539	Harness, Cummins Engine	Complete Harness

ZF Console Harness

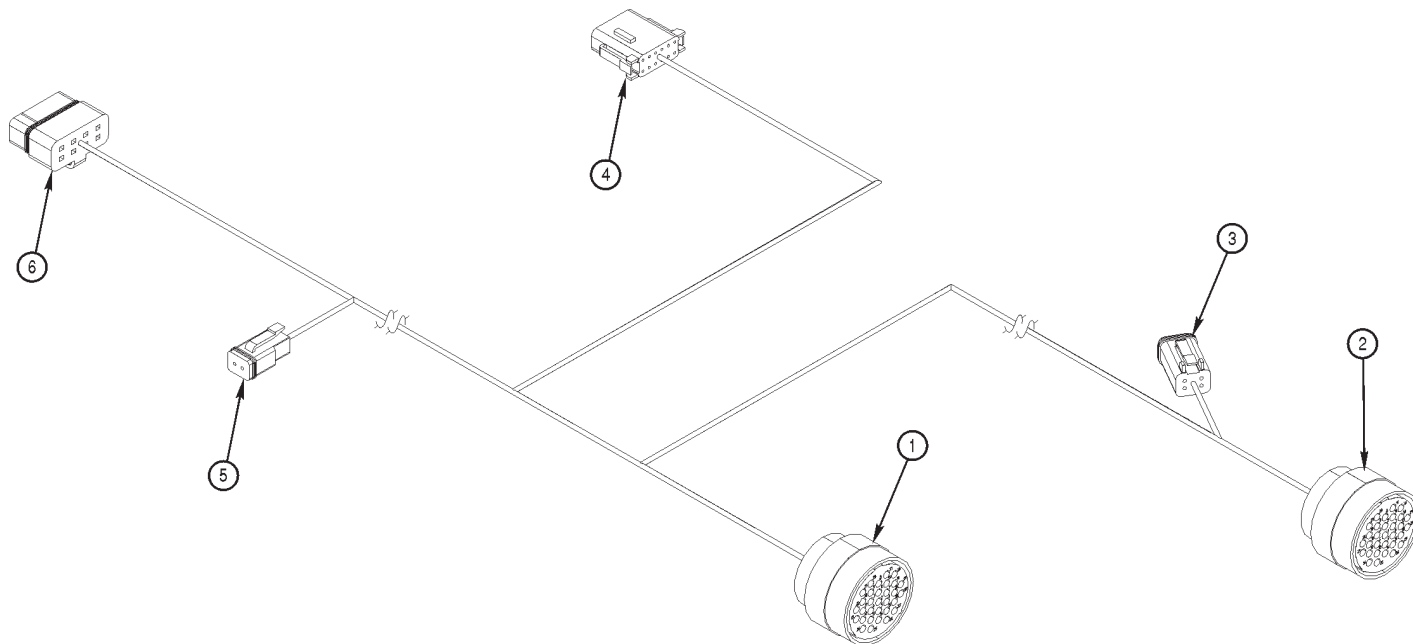
All Equipped Models



Item	Part Number	Description	Comments
1	700000083	Connector, Deutsch DRC12-70PA	Connects to Cab Harness
2	760000002	Connector, Deutsch HDP24-24-31PT	Connects to ZF Cab Harness
3	700000051	Connector, PS760 Diagnostic	Engine Diagnostic
4	700000084	Connector, Weatherpack 3 Pos	Connects to Analog Throttle
5	760000020	Connector, Amp MNL 6 Pos	ZF Diagnostic
6	760000019	Connector, Amp Timer 68 Pos	Connects to ZF TCU
7	700000043	Connector, Controller 22 Pin	Connects to ECU Power
8	700000042	Connector, Controller 20 Pin	Connects to Boom Functions
9	700000044	Connector, Controller 24 Pin	Connects to Transmission
10	700000008	Connector, 1/4" Female Spade	Connects to Lighter and Powerpoint
	700000541	Harness, ZF Console	Complete Harness

ZF Cab Harness

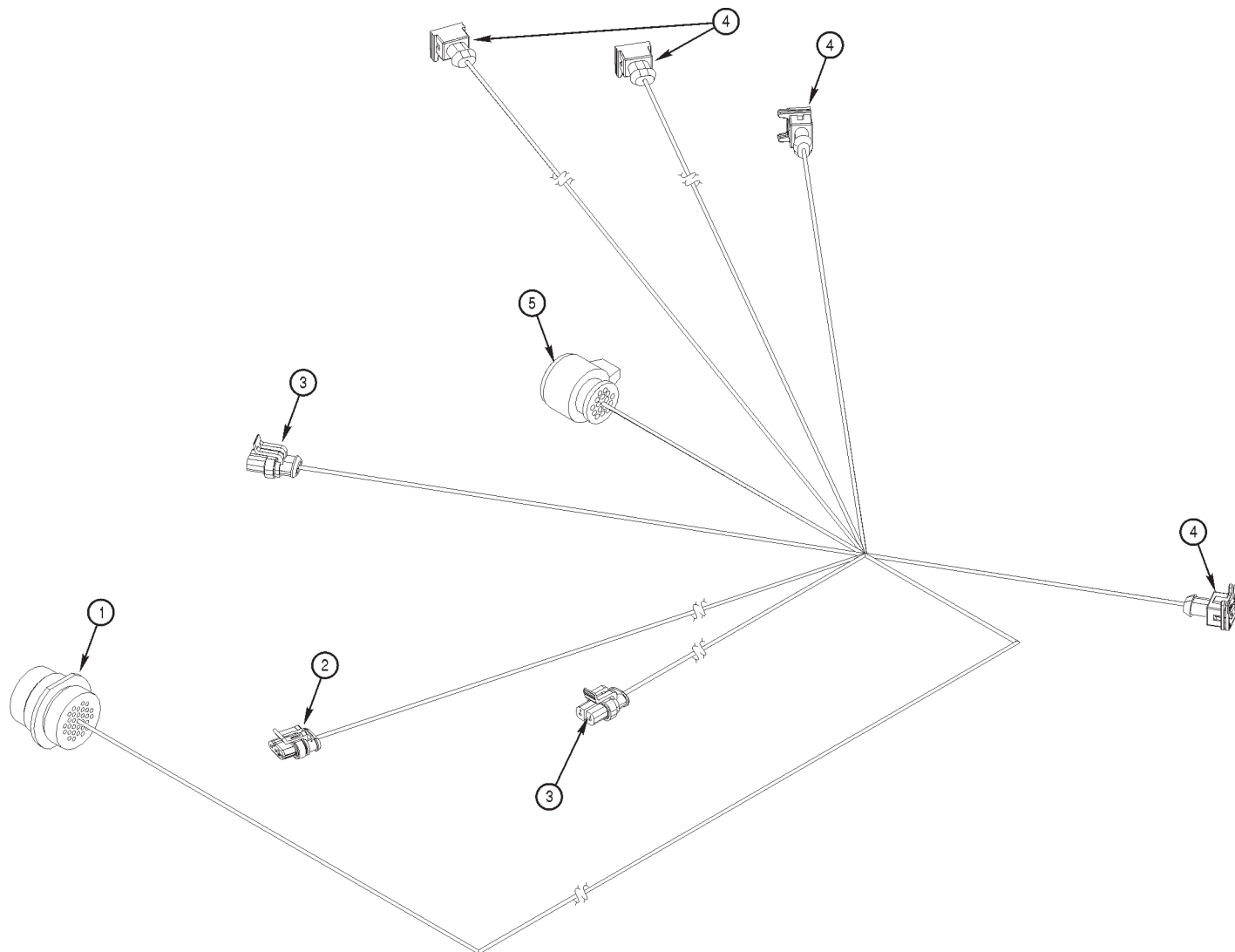
All Equipped Models



Item	Part Number	Description	Comments
1	700000206	Connector, Deutsch HD36-24-31ST	Connects to ZF Console
2	700000014	Connector, Deutsch HDP26-24-31ST	Connects to Cab Floor
3	700000079	Connector, Deutsch DT06-4S	Connects to ZF Display
4	700000115	Connector, Deutsch DTM06-12SA	Connects to Converter
5	700000099	Connector, Deutsch DT06-2S	Connects to Ignition Trip
6	760000021	Connector, Bussman 32006-E22	Connects to Yellow Bussman
	700000542	Harness, ZF Cab	Complete Harness

ZF Transmission Harness

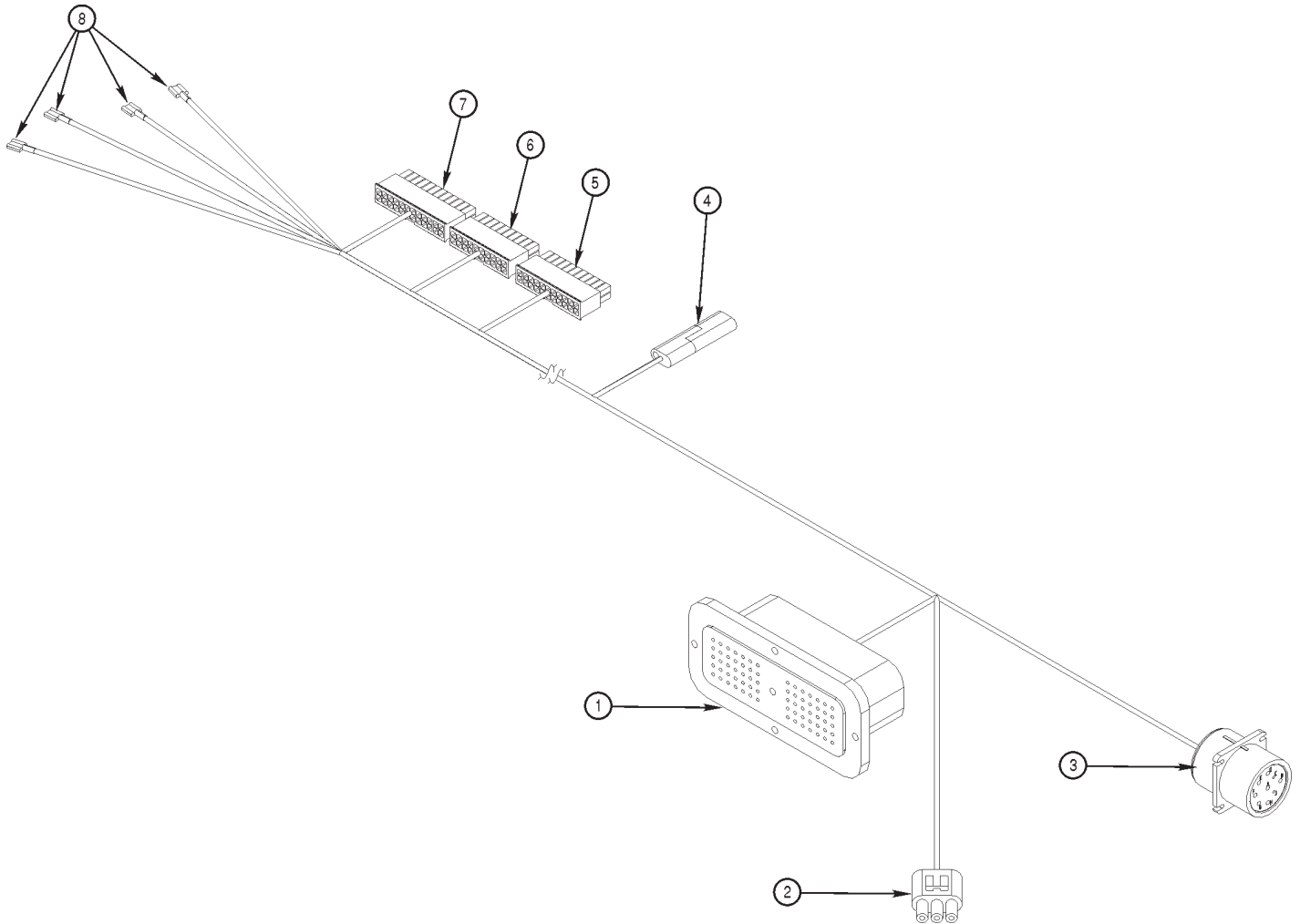
All Equipped Models



Item	Part Number	Description	Comments
1	700000207	Connector, Deutsch HD34-24-31PT	Connects to ZF Cab
2	760000024	Connector, Amp Superseal 3 Pos	Connects to Output Speed
3	760000023	Connector, Amp Superseal 2 Pos	Connects to Lockup Clutch and Filter Pressure
4	760000025	Connector Mini-Timer 2 Pos	Connects to Converter Temperature and Engine Speed, Turbine Speed and Internal Speed
5	760000022	Connector, Kostal 16 Pos	Connects to ZF Manifold
	700000543	Harness, ZF Transmission	Complete Harness

PS764 Console Harness

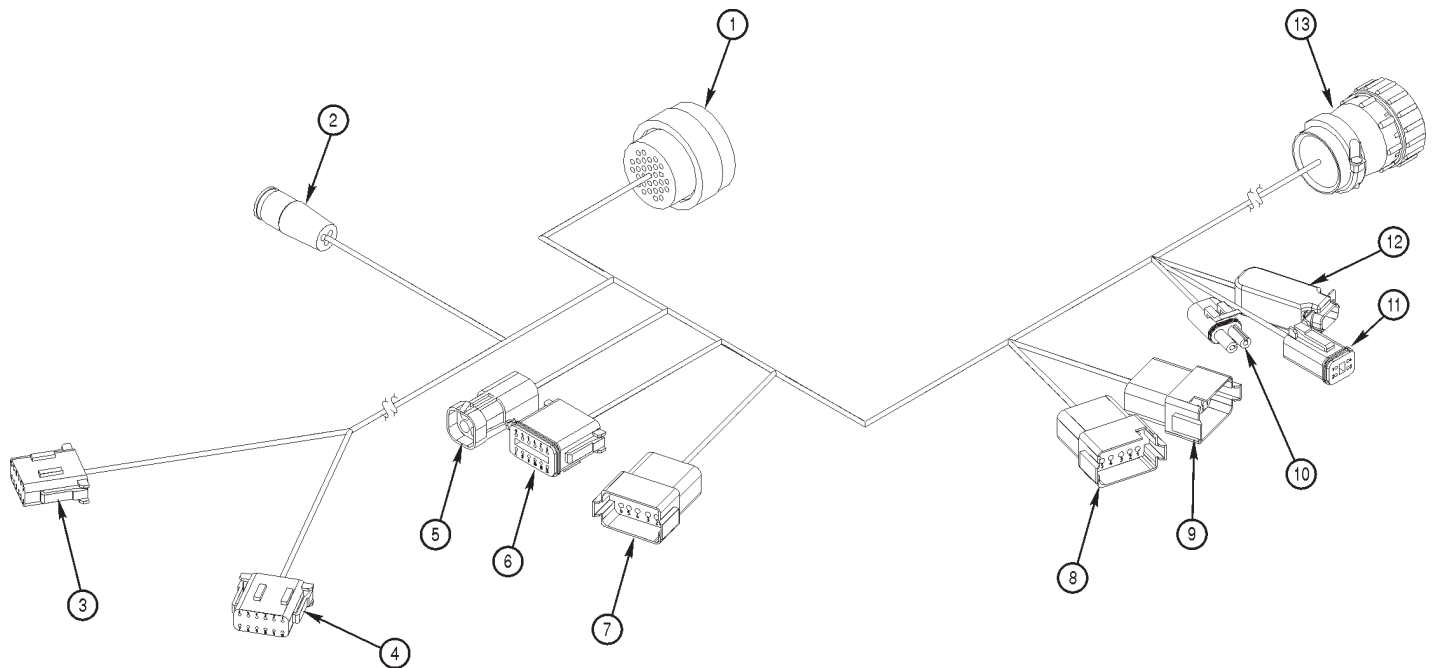
AS720



Item	Part Number	Description	Comments
1	700000083	Connector, Deutsch DRC12-70PA	Connects to Cab Harness
2	700000084	Connector, Weatherpack 3 Pos	Connects to Analog Throttle
3	700000051	Connector, PS760 Diagnostic	Diagnostic Plug
4	750000004	Resistor 4.7K 1/4W	Resistor between transmission speed power and transmission speed sense.
5	700000043	Connector, Controller 22-Pin	Connects to ECU Power
6	700000042	Connector, Controller 20-Pin	Connects to Boom Functions
7	700000044	Connector, Controller 24-Pin	Connects to Transmission
8	700000008	Connector, 1/4\" Female Spade	Connects to Lighter and Powerpoint
	700000540	Harness, PS764 Console	Complete Harness

Raven Cab Harness

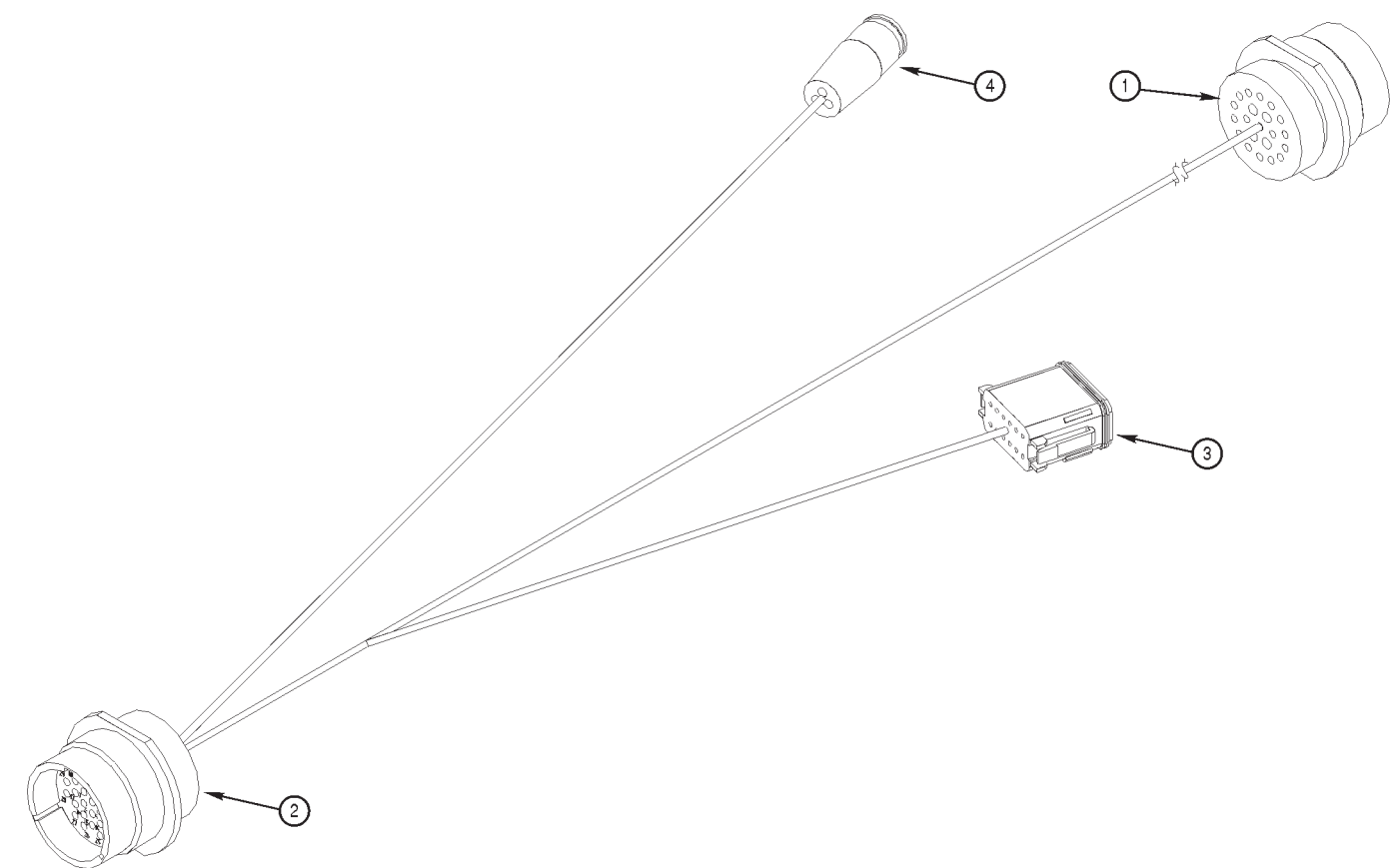
All Models



Item	Part Number	Description	Comments
1	700000087	Connector, Amp Backshell 24/37	Connects to Cab Floor
2	700000000	Connector, Raven Radar	Connects to Antenna Speed
3	700000115	Connector, Deutsch DTM06-12SA	Connects to Boom Node
4	700000116	Connector, Deutsch DTM06-12SB	Connects to Boom Node
5	700000055	Connector, Weatherpack 4 Pos SH SQ	Connects to SmarTrax Power
6	700000027	Connector, Deutsch DT06-12SA	Connects to Cab Harness
7	700100159	Connector, Deutsch DT04-12PB	Connects to SmarTrax
8	700100156	Connector, Deutsch DT04-12PD-B016	Connects to Switchbox
9	700000020	Connector, Deutsch DT04-12PC-B016	Connects to Switchbox
10	700000005	Connector, Weatherpack 2 Pos	Connects to Antenna Power
11	700000079	Connector, Deutsch DT06-4S	Connects to Raven CAN
12	700000088	Connector, 9-Pin Serial Receptacle	Connects to Serial Port
13	700000023	Connector, Amp 37-Pin Plug	Connects to Raven Console
	700000546	Harness, Raven Cab	Complete Harness

Raven Frame Harness

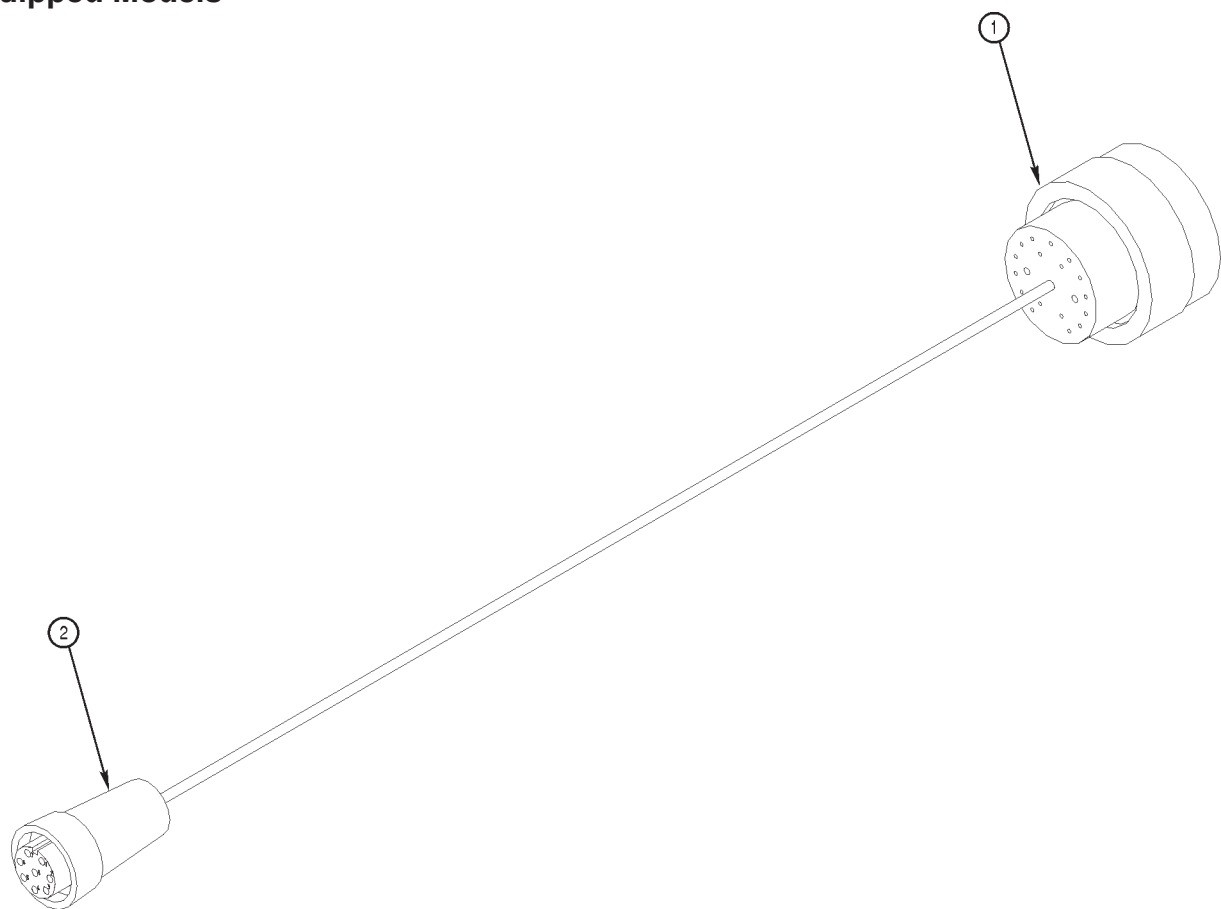
All Models



Item	Part Number	Description	Comments
1	700000114	Connector, Deutsch HD34-24-21PN	Connects to Cab Floor
2	760000026	Connector, Deutsch HDP24-24-31PE	Connects to Boom Connection
3	760000027	Connector, Deutsch DT06-12SB	Connects to SmarTrax
4	700000000	Connector, Raven Radar	Connects to Radar
	700000547	Harness, Raven Frame	Complete Harness

Phoenix 200 Antenna to Cab Harness

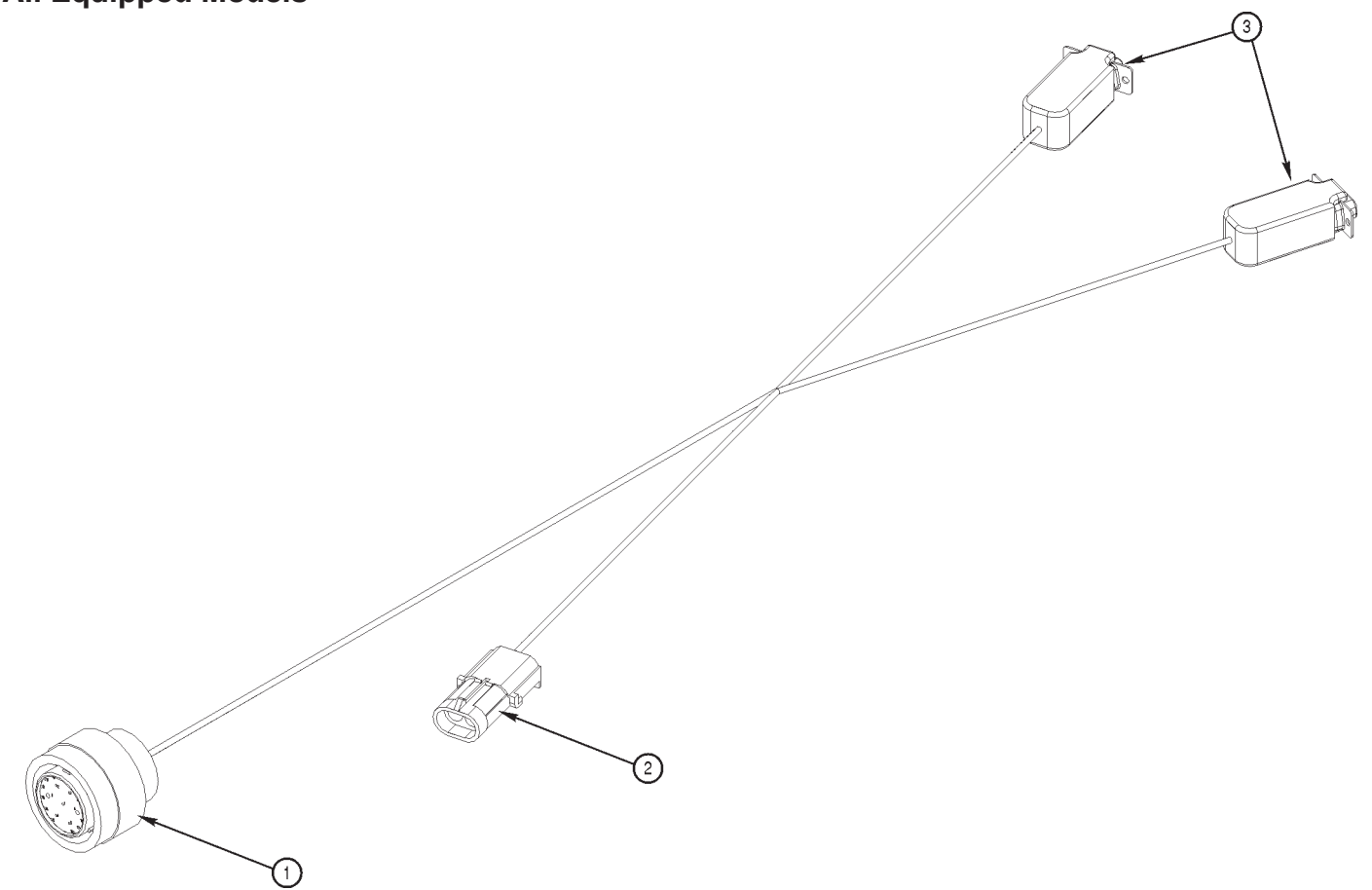
All Equipped Models



Item	Part Number	Description	Comments
1	760000030	Connector, Deutsch HD36-18-20SN	Connects to Cab
2	760000031	Connector, Mini-Con-X 8 Pos	Connects to Antenna
	700000550	Harness, Antenna to Cab Phoenix 200	Complete Harness

Phoenix 200 Antenna
Interface Harness

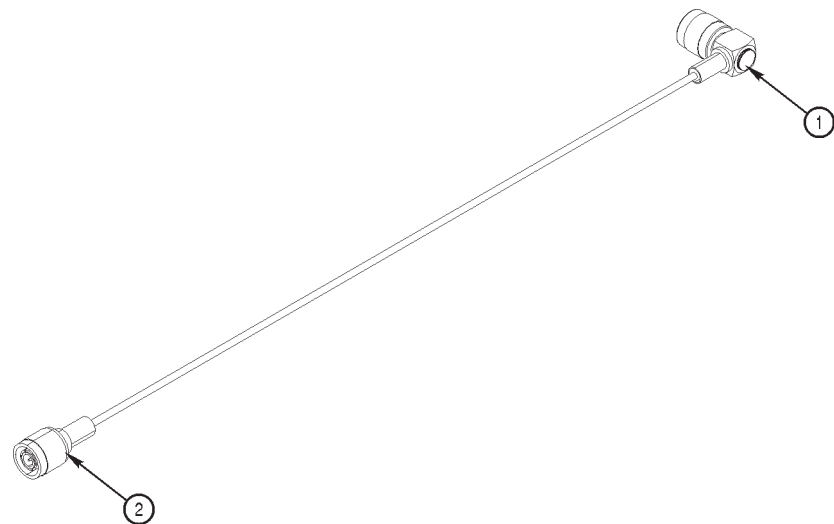
All Equipped Models



Item	Part Number	Description	Comments
1	760000030	Connector, Deutsch HD36-18-20SN	Connects to Antenna Upper Cab
2	700000026	Connector, Weatherpack 2 Pos	Connects to Antenna Power
3	760000035	Connector, 9-Pin Serial Receptacle	Connects to Port A and Port B
	700000551	Harness, Antenna Interface Phoenix 200	Complete Harness

Phoenix 300 Antenna
to Cab Harness

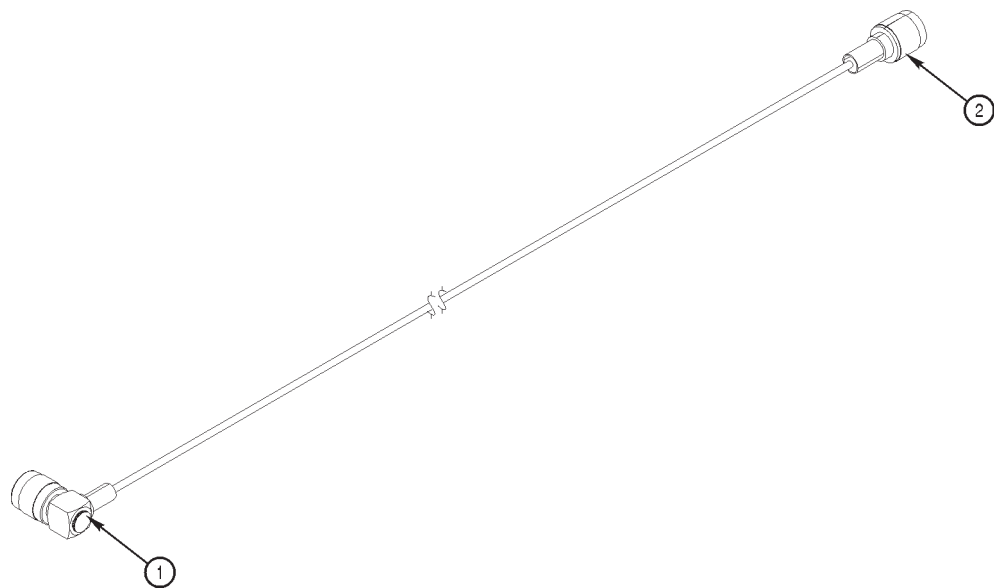
All Equipped Models



Item	Part Number	Description	Comments
1	760000033	Connector, Coax TNC 90 Male Crimp	Connects to Console
2	760000034	Connector, Coax TNC Male Crimp	Connects to Cab Post
	700000552	Harness, Antenna to Cab Phoenix 300	Complete Harness

Phoenix 300 Antenna
Interface Harness

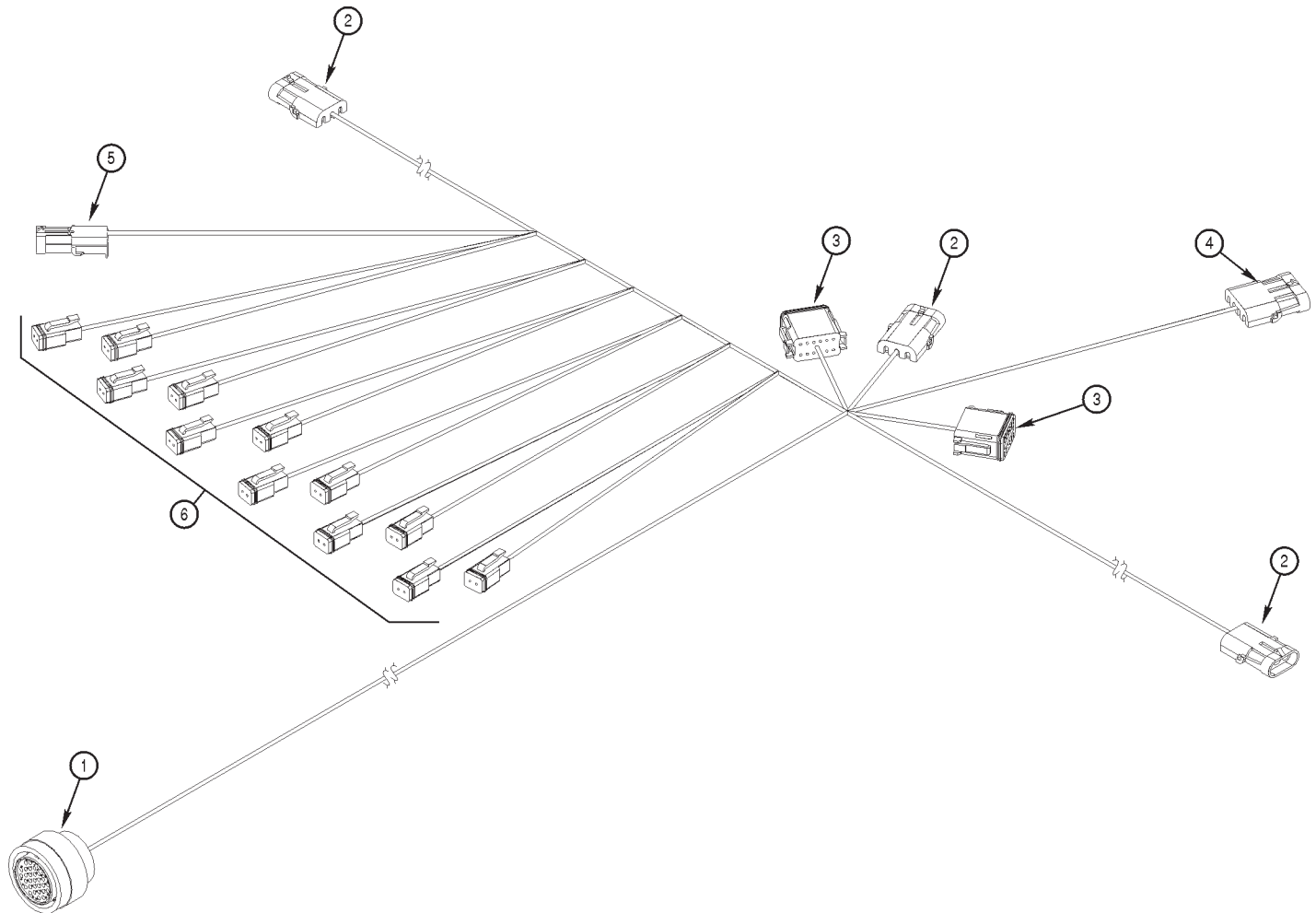
All Equipped Models



Item	Part Number	Description	Comments
1	760000033	Connector, Coax TNC 90 Male Crimp	Connects to Console
2	760000034	Connector, Coax TNC Male Crimp	Connects to Cab Post
	700000553	Harness, Antenna Interface Phoenix 300	Complete Harness

Boom Harness

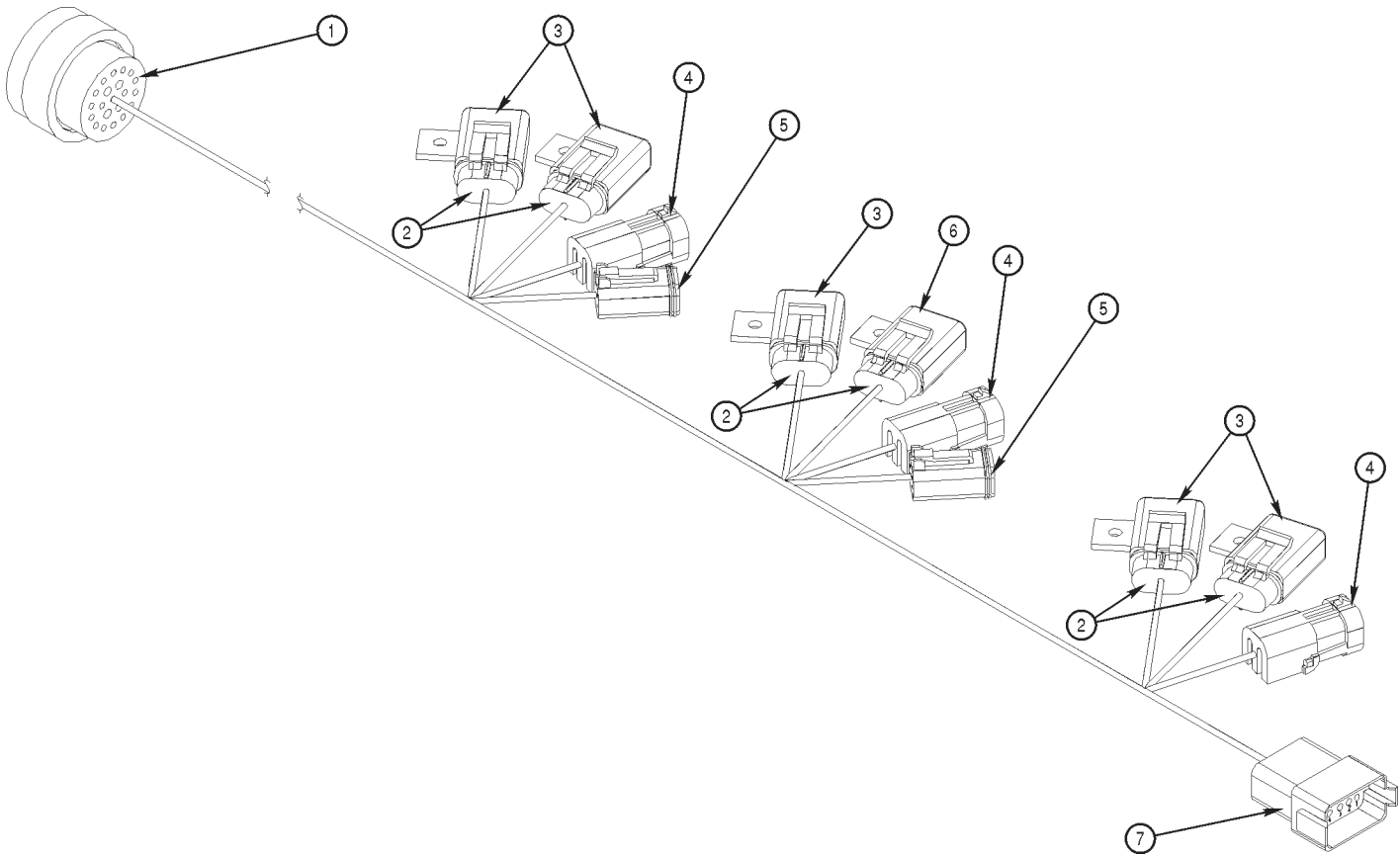
All Models



Item	Part Number	Description	Comments
1	700000206	Connector, Deutsch HD36-24-31ST	Connects to Main Harness
2	700000031	Connector, Weatherpack 3 Pos	Connects to Foamer, Left and Right Turn
3	700000027	Connector, Deutsch DT06-12SA	Ground Junction 1 and 2
4	700000054	Connector, Weatherpack 4 Pos	Connects to Flowback
5	700000026	Connector, Weatherpack 2 Pos	Connects to Boom Valve Power
6	700000099	Connector, Deutsch DT06-2S	Boom IN and OUT Functions
	700000544	Harness, Boom	Complete Harness

Raven Control Boom Harness

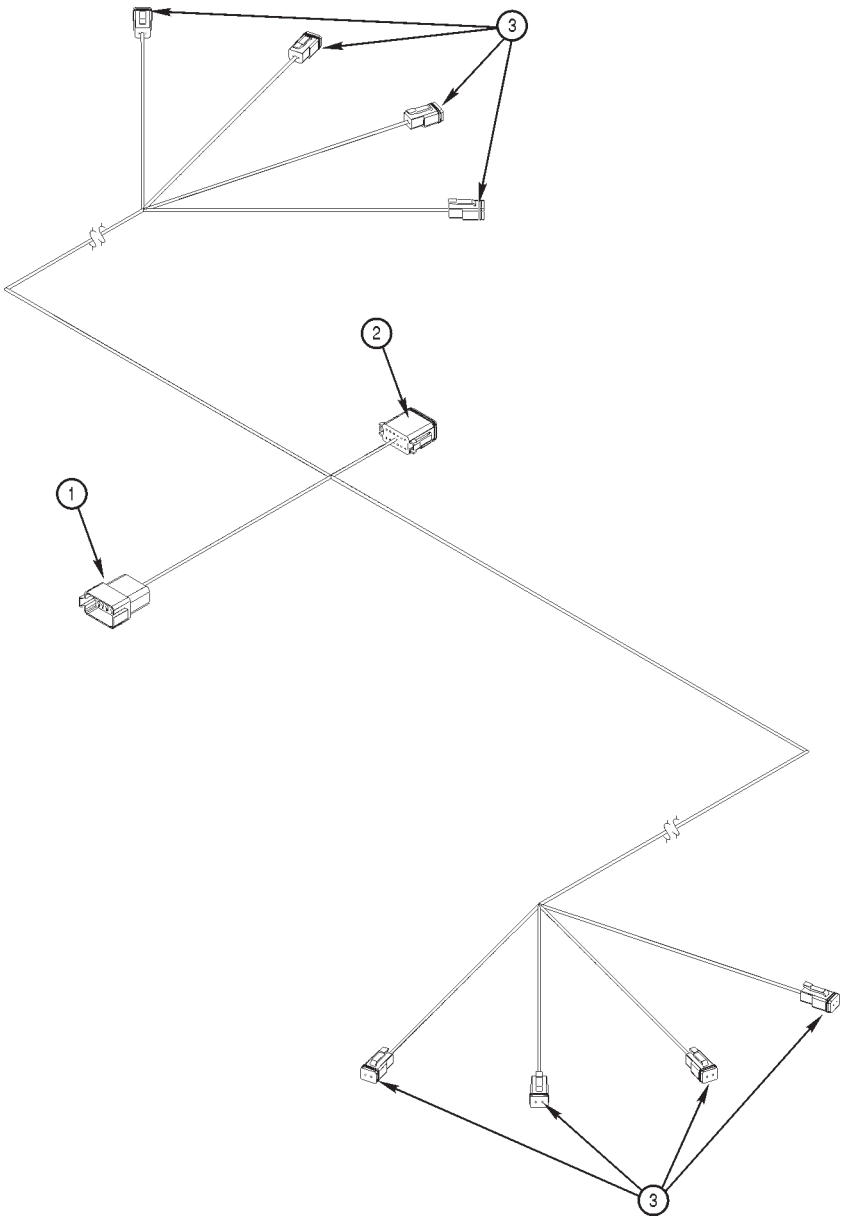
All Models



Item	Part Number	Description	Comments
1	700000149	Connector, Deutsch	Connects to Raven Frame Harness
2	700000154	Connector, Fuse Holder	AutoBoom/AccuBoom Control Logic and High Current
3	700000113	Cap, In-line fuse	AutoBoom/AccuBoom Control Logic and High Current
4	700000055	Connector, Weatherpack 4 Pos SH SQ	Connects to AccuBoom Power
5	700000079	Connector, Deutsch DT06-4S	Connects to CAN 1 and 2
6	700000065	Connector, Fuse Holder Cummins	Connects to AutoBoom High Current
7	700000057	Connector, Deutsch DT04-12PA	Connects to Boom Logic
	700000487	Harness, Raven Control Boom	Complete Harness

Adjust On the Go Harness

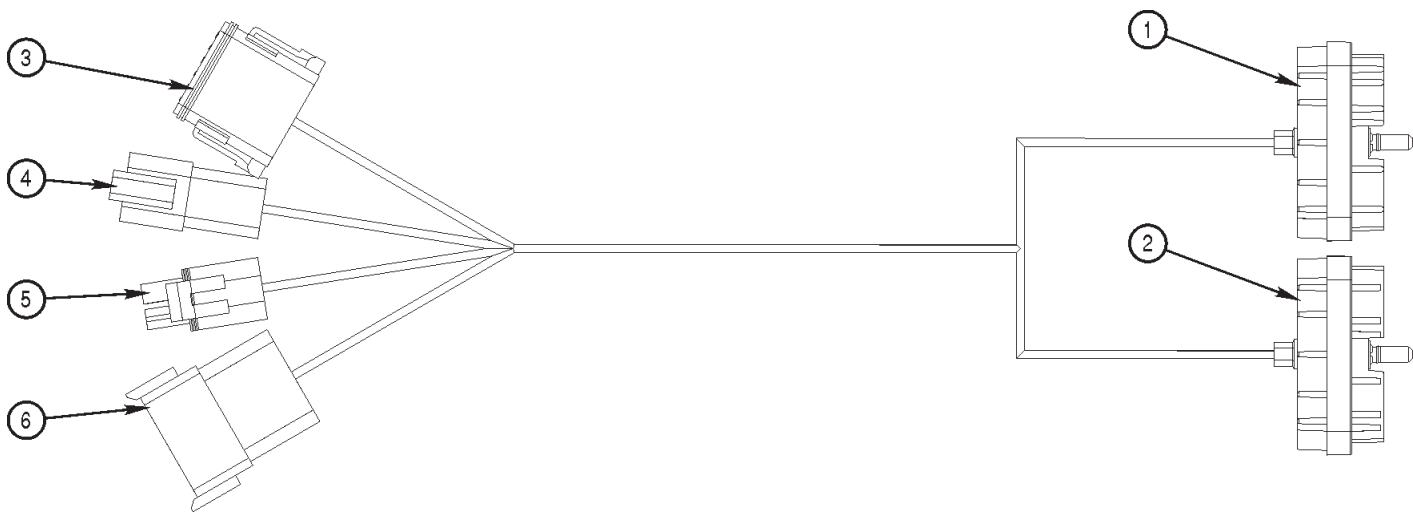
All Equipped Models



Item	Part Number	Description	Comments
1	700000057	Connector, Deutsch DT04-12PA	Connects to Main Harness
2	700000027	Connector, Deutsch DT06-12SA	Connects to Ground Junction
3	700000099	Connector, Deutsch DT06-2S	Wheels IN and OUT Functions
	700000545	Harness, Adjust on the Go	Complete Harness

AccuBoom Harness

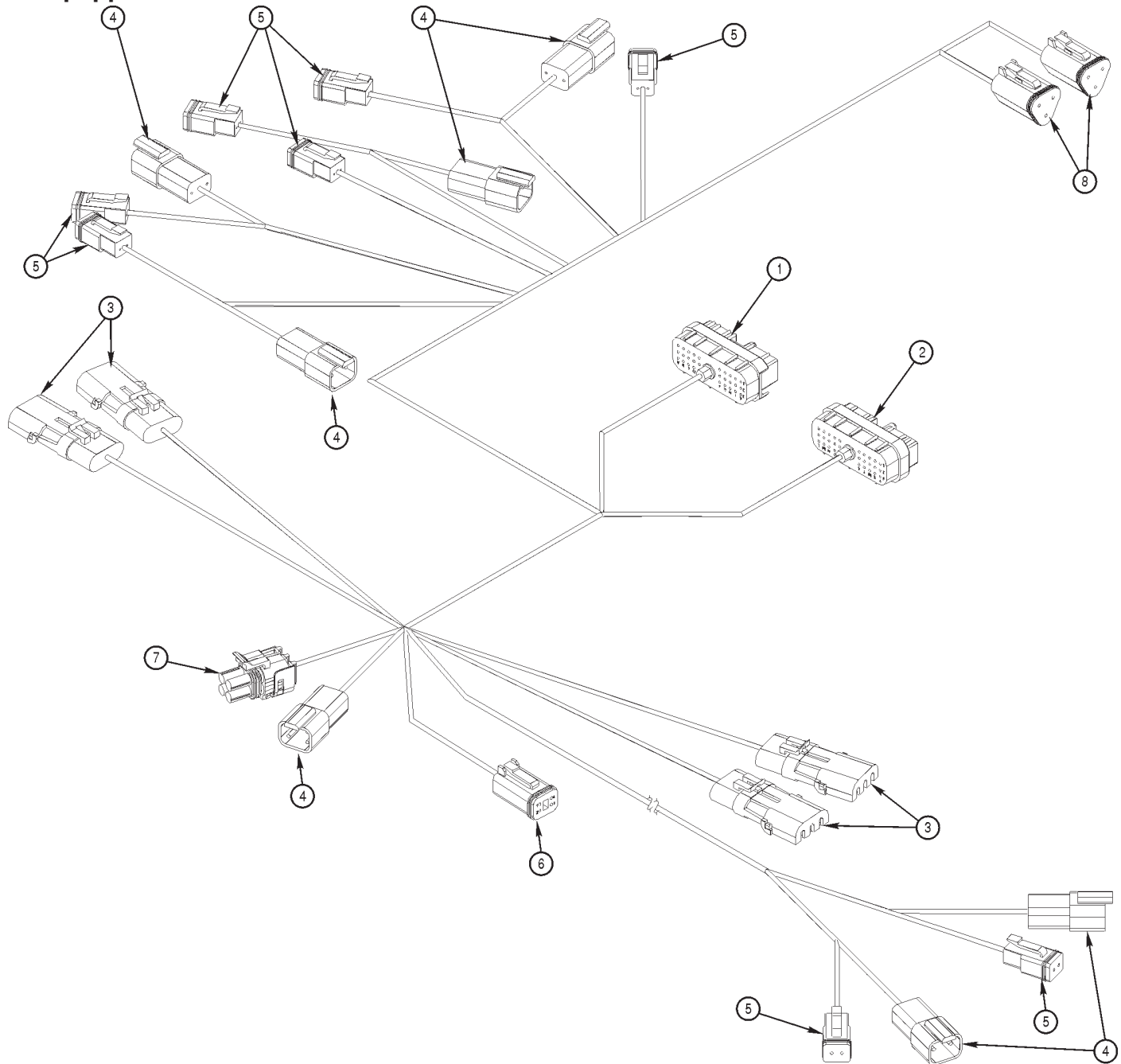
All Equipped Models



Item	Part Number	Description	Comments
1	760000000	Connector, Metri-Pack 30 Pin A	Connects to AccuBoom Node
2	760000001	Connector, Metri-Pack 30 Pin B	Connects to AccuBoom Node
3	700000027	Connector, Deutsch DT06-12SA	Connects to Control Harness
4	700000085	Connector, Deutsch 4-Way Receptacle	Connects to CAN Connection
5	700000068	Connector, Weatherpack 4 Pos TW SQ	Connects Power
6	700000057	Connector, Deutsch DT04-12PA	Connects to Boom Harness
	700000491	Harness, AccuBoom	Complete Harness

AutoBoom Harness

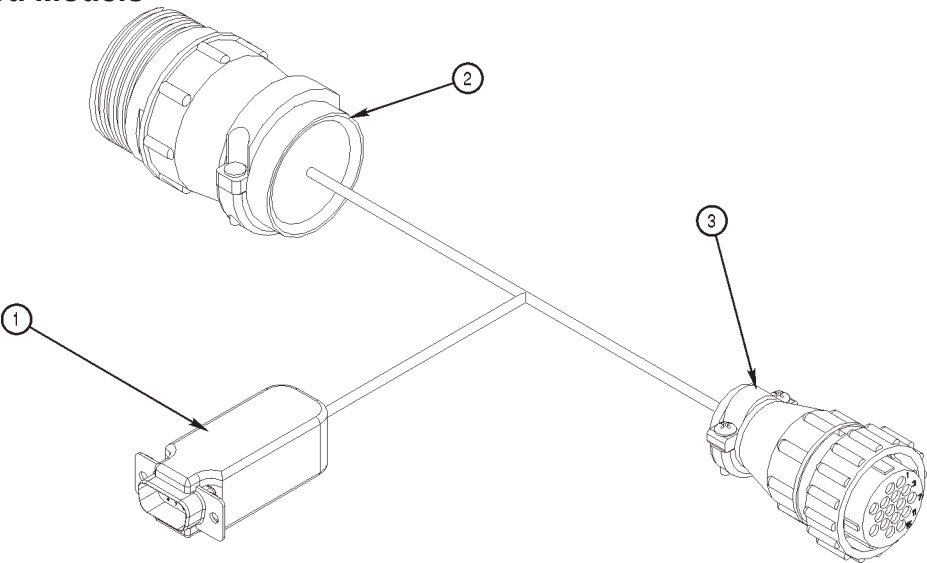
All Equipped Models



Item	Part Number	Description	Comments
1	760000000	Connector, Metri-Pack 30 Pin A	Connects to AutoBoom Node
2	760000001	Connector, Metri-Pack 30 Pin B	Connects to AutoBoom Node
3	700000084	Connector, Weatherpack 3 Pos	Connects to L and R Inner and Outer Sensors
4	700000024	Connector, Deutsch DT04-2P	Connects to L and R Solenoid Jump, Center Rack Up/ Down
5	700000099	Connector, Deutsch DT06-2S	Rack Up/Down, L and R Prop Valve, L and R Sense Solenoid
6	700000079	Connector, Deutsch DT06-4S	Connects to Center Rack Sensor
7	700000068	Connector, Weatherpack 4 Pos	Connects to Power
8	700000143	Connector, Deutsch DT03-3P	
	700000549	Harness, AutoBoom	Complete Harness

E-Pro and Viper Adapter Harness

All Equipped Models



Item	Part Number	Description	Comments
1	700000132	Connector, 9-Pin Serial Plug	Connects to Antenna
2	700000086	Connector, AMP 37 Pin Receptacle	Connects to Cab Harness
3	700000117	Connector, AMP 206037-1 16-Pin Plug	Connects to Console
	700000492	Harness, E-Pro and Viper Adapter	Complete Harness

Appendix

Additional Information

Parts Information Bulletin 2011 #11-1



From: Kevin Covey - Product Support Manager
Email: kevin.covey@etsprayers.com

Subject: Filter List for 2011 Models and Kit Part Numbers

Models Affected: 2011 AS720, AS1020 and AS1220

Date: October 29, 2010

Filter List		
Apache 2011 AS720		
Description	ET Part #	Vendor Part #
Engine oil filter	201450241	Fleetguard LF3970
Engine fuel filter (between engine and tank)	201450242	Fleetguard FS19732
Engine fuel filter (mounted on engine)	201450243	Cummins 3978040
Engine in-line fuel filter	201450290	Fleetguard FF5006
Primary air filter (large)	201300116	Donaldson P608676
Safety air filter (small)	201300117	Donaldson 321925753
Transmission filter	300000101	ITL (JCB) 581/18092
Hydraulic filter	880000026	cross not available
Hydraulic Strainer (in tank)	840000010	cross not available
Cab filter charcoal	490003651	cross not available
Cab filter (in HVAC unit)	490006661	cross not available
Cab filter kit	K65000190	Includes both cab filters
Apache 2011 AS1020 and AS1220		
Description	ET Part #	Vendor Part #
Engine oil filter	201450241	Fleetguard LF3970
Engine fuel filter (between engine and tank)	201450242	Fleetguard FS19732
Engine fuel filter (mounted on engine)	201450243	Cummins 3978040
Engine in-line fuel filter	201450290	Fleetguard FF5006
Primary air filter (large)	201300116	Donaldson P608676
Safety air filter (small)	201300117	Donaldson 321925753
Transmission filter ZF	310100001	cross not available
Hydraulic filter	880000026	cross not available
Hydraulic Strainer (in tank)	840000010	cross not available
Cab filter charcoal	490003651	cross not available
Cab filter (in HVAC unit)	490006661	cross not available

Spare Parts Return Policy

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

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

Any questions concerning the spare parts return policy or to return spare parts please contact Brian Holtane, Product Support, at (317) 834-4500 or Email: brian.holtane@etsprayers.com

Option Kits for 2011 Apache Sprayers

The following is a list of kits to add options to the 2011 Apaches after market. The kits include all parts to add the option to the Apache including mounting brackets and hardware.

Part Number	Description
K65000155	Kit, Accuboom
K65000171	Kit, Fence Row Nozzle One Side 60/80 and 80 ft
K65000172	Kit, Fence Row Nozzle One Side 90 and 100 ft
K65000181	Kit, Teejet Flow Back Valve 5 Bank
K65000190	Kit, Cab Filters 2011 Models
K65000191	Kit, Sprayer Survival 2011 Models
K65000192	Kit, AutoSteer 2011 Models
K65000193	Kit, PPG AutoBoom 2011 Models
K65000194	Kit, UltraGlide 2011 Models
K65000195	Kit, UltraGlide w/ Wheels 2011 Models
K65000196	Kit, Chemical Eductor Poly, 2011 Models
K65000197	Kit, Foam Marker Combo 2011 Models
K65000198	Kit, Foam Marker Straight 2011
K65000199	Kit, Antenna Phoenix 200
K65000200	Kit, Antenna Phoenix 300 w/ RT
K65000201	Kit, Adjust On The Go 2011 Models
K65000202	Kit, Front Fenders 42" and 50" CC 2011 Models
K65000203	Kit, Rear Fender 42" CC 2011 Models
K65000204	Kit, Rear Fenders 50" CC 2011 Models
K65000205	Kit, 3" Quick Fill Poly Tank 2011 Models
K65000206	Kit, 3" Quick Fill S.S. Tank 2011 Models
K65000207	Kit, Yearly Service Filter 2011 AS720
K65000208	Kit, Yearly Service Filter 2011 AS1020 and AS1220
K65000209	Kit, Hydraulic Filter w/o Oil
K65000210	Kit, Hydraulic Filter w/ Oil
K65000211	Kit, Chemical Eductor, S.S. 2011 Models
K65000212	Kit, Raven Flowmax Flowmeter
K65000213	Kit, AutoBoom Wheels w/ Mount Brackets
K65000214	Rear Differential, Complete ZF Flipped Low Speed
K65000215	Kit, Conversion PowerGlide to UltraGlide 2011
K65000216	Kit, Envizio Pro Console 2011
K65000217	Kit, Viper Pro Console 2011
K65000218	Kit, Dual Extension, Narrow Tire Set 2007 and Newer 48" CC Models

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

APPENDIX	APACHE SPRAYER PARTS MANUAL
ADDITIONAL INFORMATION	COPYRIGHT 2011
PARTS MANUAL UPDATE	EQUIPMENT TECHNOLOGIES