

Parts Manual for
WGC No: 7443911BT
ROBN 4.3PF+IL RH 50

Print date: 05/08/2015

Applicable to Works Order No: 85715B

For Serial No: B144549

IMPORTANT

NOTE HERE THE SERIAL NUMBER OF YOUR MACHINE AND ALWAYS QUOTE IT IN ANY COMMUNICATION WITH US OR YOUR DEALER. THIS IS PARTICULARLY IMPORTANT WHEN ORDERING SPARES. REMEMBER TO INCLUDE ALL NUMBERS AND LETTERS

MACHINE SERIAL NUMBERS _____

THE INFORMATION GIVEN THROUGHOUT THIS MANUAL IS CORRECT AT THE TIME OF PUBLICATION. HOWEVER, IN THE COURSE OF CONSTANT DEVELOPMENT OF BOMFORD TURNER MACHINES, CHANGES IN SPECIFICATION ARE INEVITABLE. SHOULD YOU FIND THE INFORMATION GIVEN IN THIS BOOK TO BE AT VARIANCE WITH THE MACHINE IN YOUR POSSESSION, YOU ARE ADVISED TO CONTACT THE BOMFORD TURNER SERVICE DEPARTMENT WHERE UP-TO-DATE INFORMATION WILL BE PROVIDED.

THE MANUAL CAN CONTAIN STANDARD AND OPTIONAL FEATURES AND IS NOT TO BE USED AS A MACHINE SPECIFICATION.

THE MACHINE HAS BEEN TESTED AND IS CONSIDERED SAFE IF CAREFULLY USED. ENSURE YOUR OPERATOR IS PROPERLY TRAINED IN ITS USE AND MAINTENANCE.

IMPORTANT

NOTEZ ICI LES NUMEROS DE SERIE DE VOTRE MACHINE ET MENTIONNEZ LES DANS TOUTE COMMUNICATION AVEC NOS SERVICES OU VOTRE REVENEUR. CECI EST IMPORTANT POUR LA COMMANDE DE PIECES DETACHEES. PENSEZ A NOTER TOUS LES NUMEROS ET TOUTES LES LETTERS.

NUMEROS DE SERIE DE LA MACHINE _____

LES INFORMATIONS DONNEES DANS CE MANUEL SONT CORRECTES CEPENDANT, DU FAIT DE DEVELOPPEMENT CONSTANT DES MACHINES BOMFORD TURNER.

CHANGEMENTS DANS LES CARACTERISTIQUES SONT INEVITABLES.

SI VOUS TROUVEZ QUE LES INFORMATIONS DONNEES NE CORRESPONDENT PAS A VOTRE MACHINE VEUILLEZ CONTACTER LE SERVICE DES REPARATIONS OU DES INFORMATIONS PLUS RECENTES VOUS SERONT DONNEES.

CE MANUEL PEUT MONTRER DES CARACTERISTIQUES OPTIONNELLES ET NE PEUT PAS ETRE CONSIDERE COMME SPECIFICATION DE LA MACHINE.

CETTE MACHINE A ETE TESTEE, ET ELLE EST CONSIDEREE COMME FIABLE A CONDITION D'UNE BONNE UTILISATION. ASSUREZ-VOUS QUE VOTRE OPERATEUR EST QUALIFIE EN CE QUI CONCERNE L'UTILISATION DE LA MACHINE AINSI QUE SON ENTRETIEN.

WICHTIG

TRAGEN SIE HIER DIE SERIENNUMMERN IHRER MASCHINE EIN UND GEBEN SIE DIESE IMMER AN, WENN SIE SICH AN UNS ODER IHREN HÄNDLER WENDEN. DAS IST BESONDERS BEI ERSATZTEILBESTELLUNGEN WICHTIG. VERGESSEN SIE NICHT, ALLE ZAHLEN UND BUCHSTABEN ZU NOTIEREN.

SERIENNUMMERN DER MASCHINE _____

DIE ANGABEN IN DIESEM HANDBUCH SIND BEI VERÖFFENTLICHUNG KORREKT. AUFGRUND DER KONSTANTEN WEITERENTWICKLUNG VON BOMFORD TURNER MASCHINEN SIND JEDOCH ÄNDERUNGEN IN DER SPEZIFIKATION UNVERMEIDLICH. WENN DIE INFORMATION IN DIESEM HANDBUCH NICHT MIT IHRER MASCHINE ÜBEREINSTIMMEN, NEHMEN SIE BITTE KONTAKT MIT DER BOMFORD TURNER KUNDENDIENSTABTEILUNG AUF, DIE IHNEN GERNE DIE AKTUELLEN INFORMATION ZUKOMMEN LÄSST.

DAS HANDBUCH KANN SOWOHL BESCHREIBUNGEN FÜR DIE STANDARD AUSFÜHRUNG ALS AUCH FÜR ZUBEHÖR ENTHALTEN UND IST NICHT ALS MASCHINENSPEZIFIKATION ZU VERWENDET.

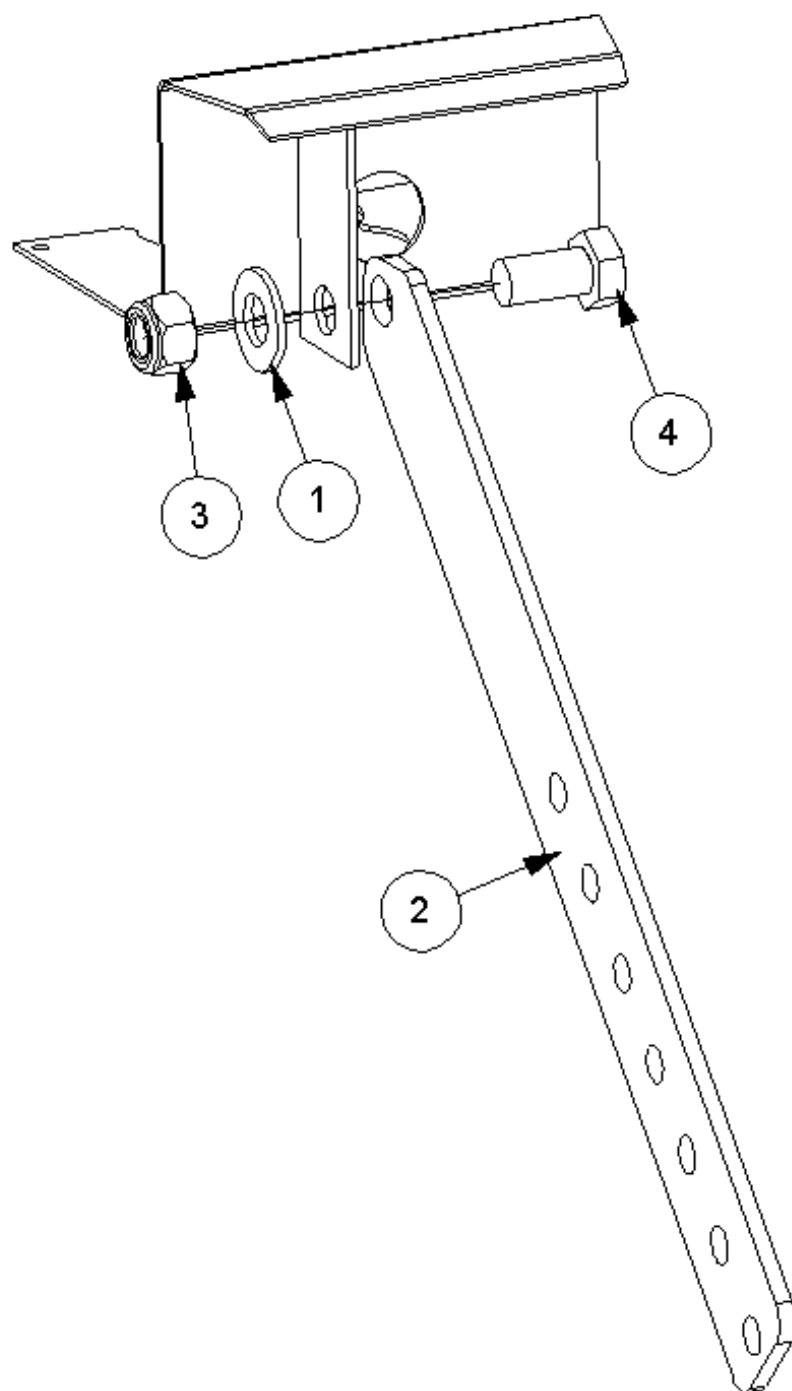
DIE MASCHINE IST GETESTET UND BEI SACHGEMÄSSEM BETRIEB ALS SICHER BEFUNDEN WORDEN. SORGEN SIE DAFÜR, DASS IHR BEDIENPERSONAL IN ANWENDUNG UND WARTUNG RICHTIG GESCHULT WIRD.

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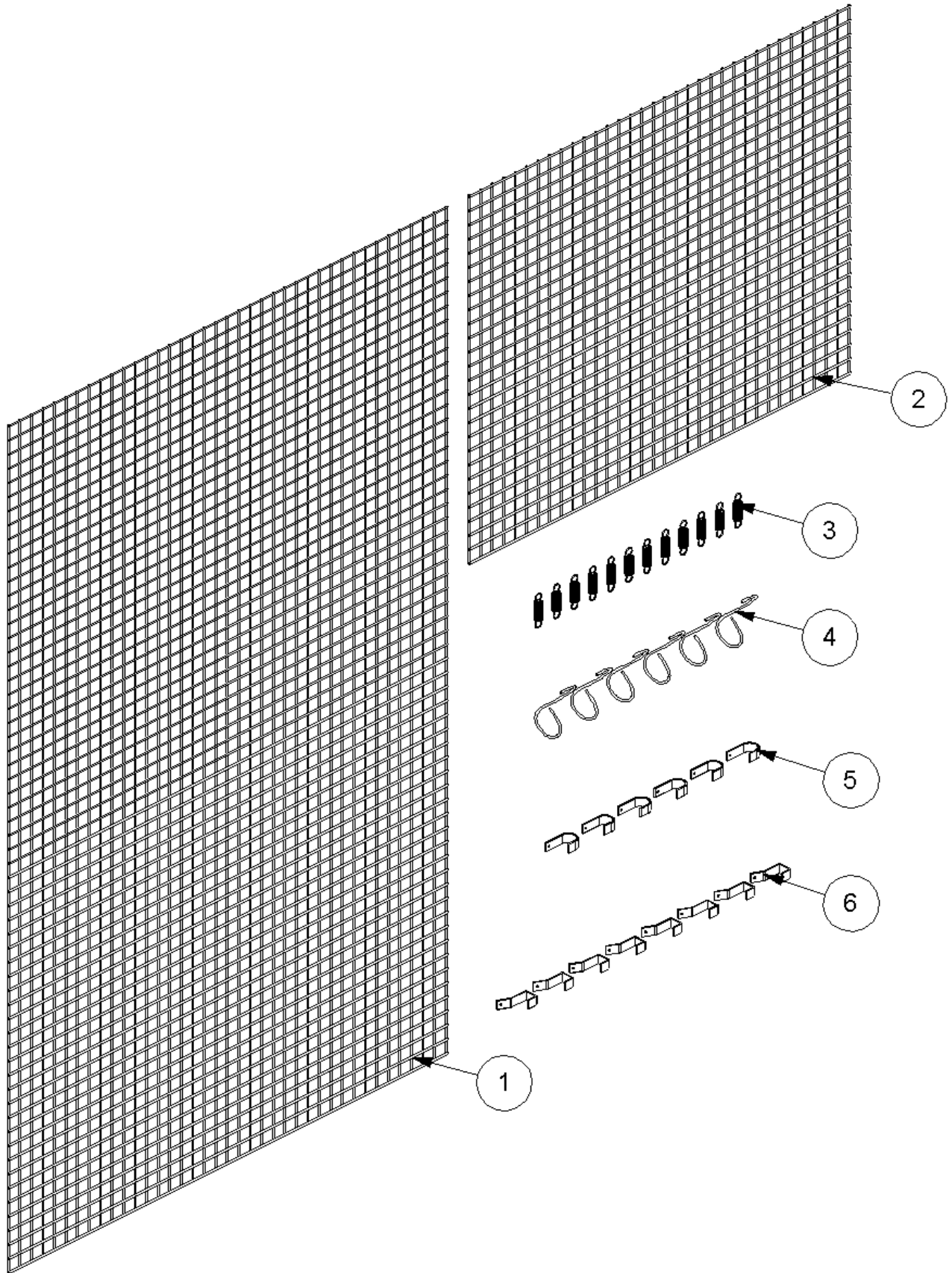
* optional component

SWITCHBOX BRACKET SHOWN FOR DISPLAY ONLY



7109319 - CAB MTG MODULE

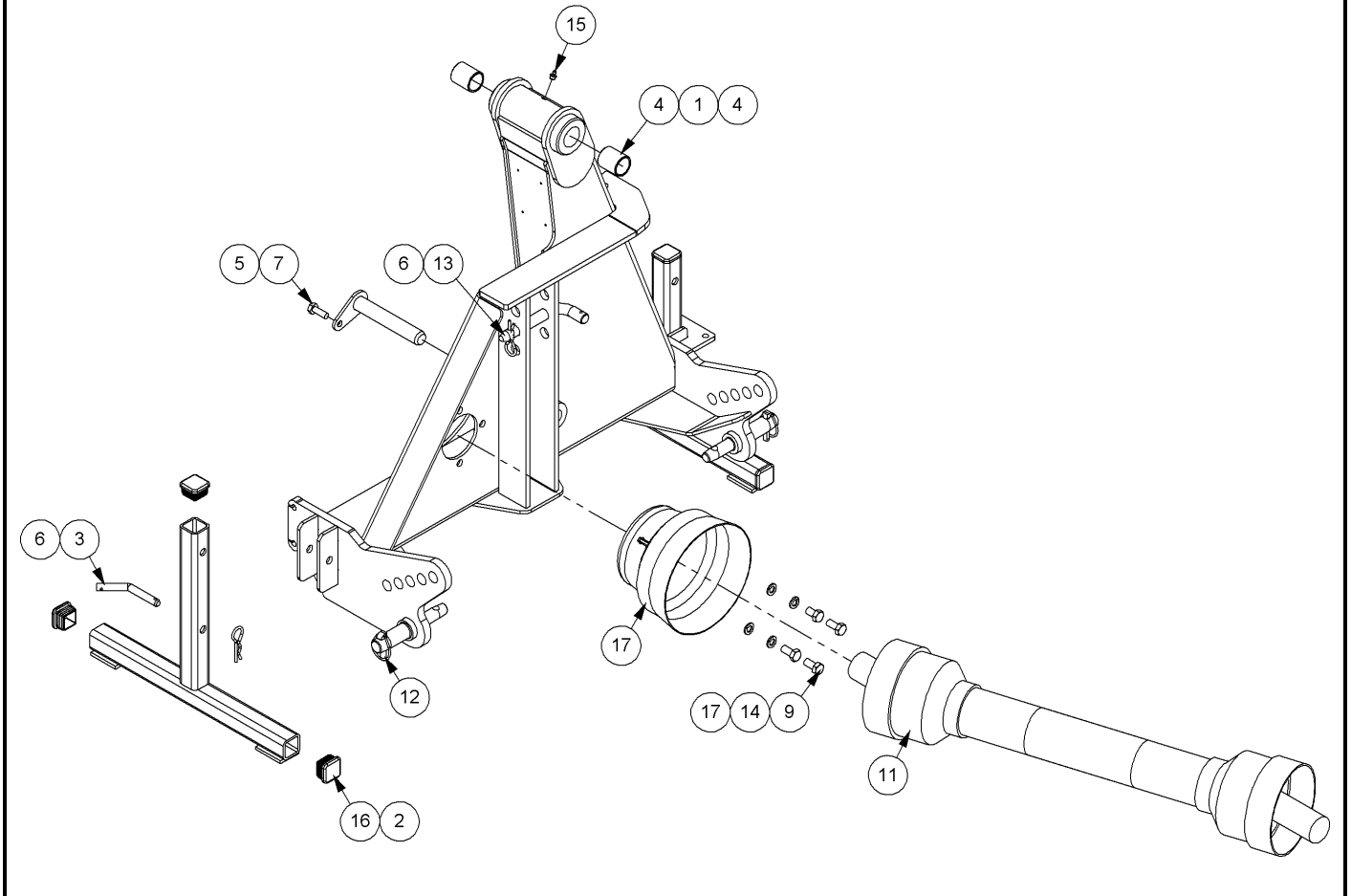
Ref	Part No	Description	Qty
1	0100106	WASHER	1
2	7109146	PILLAR	1
3	9163007	NUT	1
7	9313067	SCREW	1



7313324 - GUARD KIT

Ref	Part No	Description	Qty
1	7313049	GUARD PANEL	1
2	7313050	GUARD PANEL	1
3	6001064	SPRING	12
4	6001065	HOOK	6
5	41587.01	GUARD HOOK	6
6	41745.01	HOOK	8

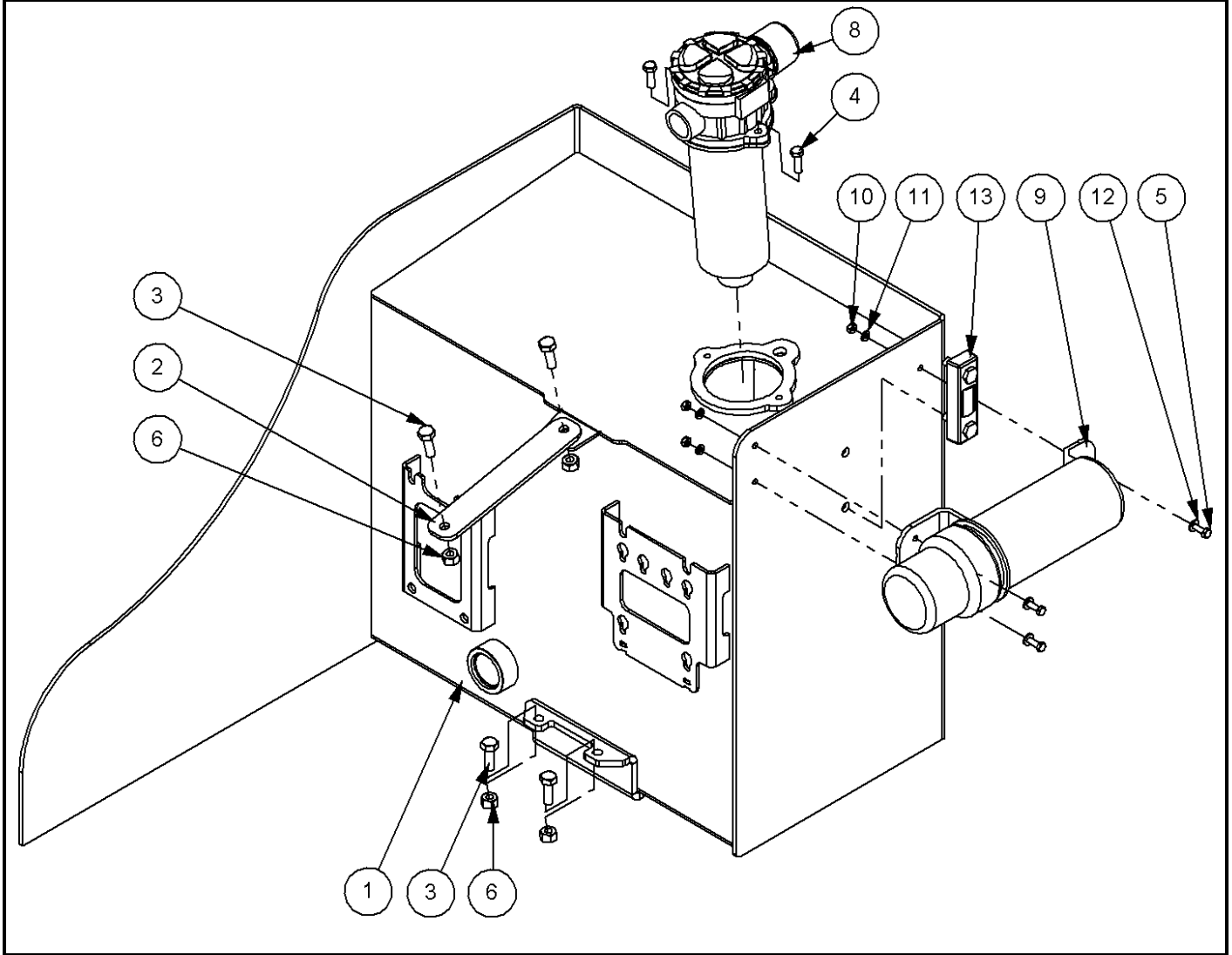
7434501 - MAIN FRAME MODULE



7434501 - MAIN FRAME MODULE

Ref	Part No	Description	Qty
1	22852.02	MAIN FRAME	1
2	41203.05	LEG	2
3	1090051	PIN	2
4	21149.01	BUSH	2
5	41267.02	PIN	1
6	0431105	PIN	2
7	9313045	SCREW	1
8	9313046	SCREW	1
9	9313056	SCREW	3
10	7114289	PTO SHAFT	1
11	0431217	PIN	5
12	6310202	PIN	1
14	9100206	WASHER	4
15	0901121	GREASER	2
15	T8117	PIN	2
16	42694.04	GUARD	1

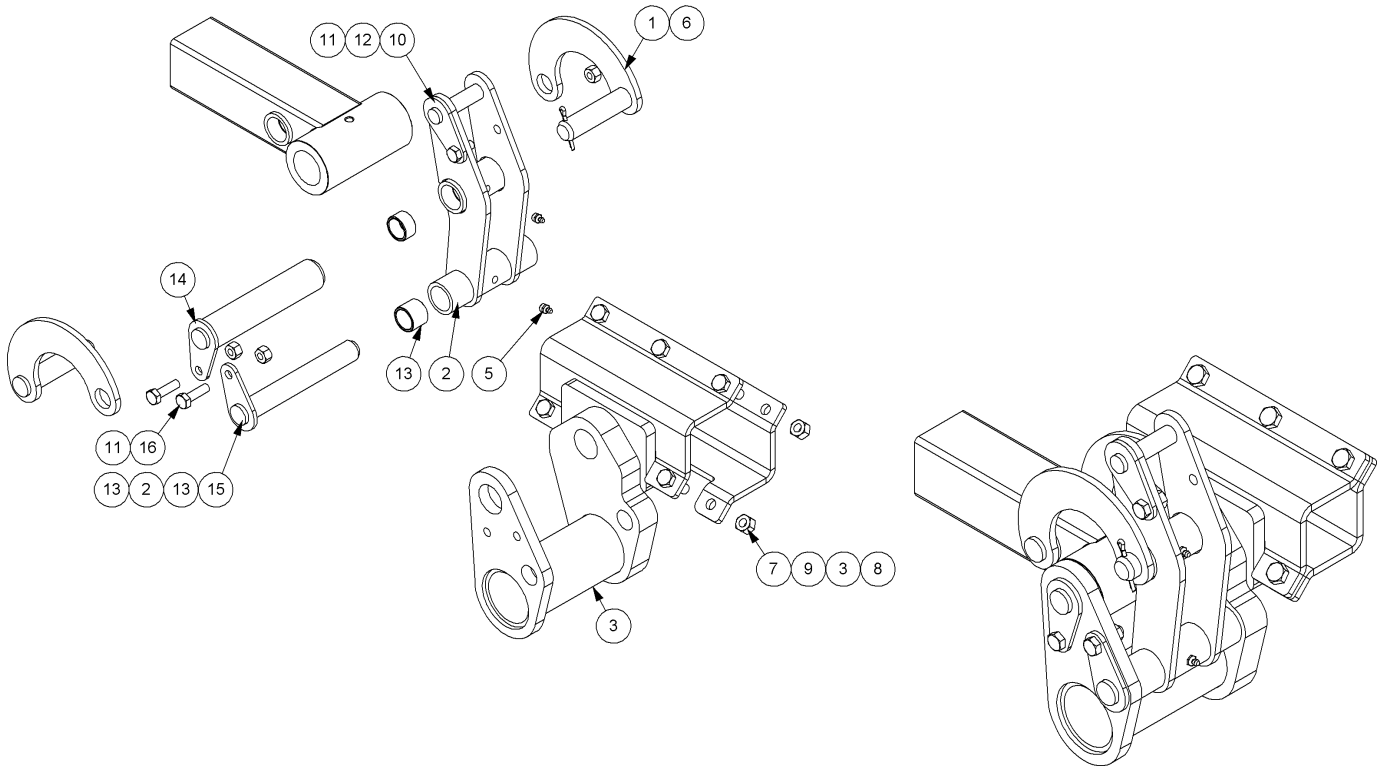
7434509 - TANK MODULE RH



7434509 - TANK MODULE RH

Ref	Part No	Description	Qty
1	41196.19	W/ASSY TANK RH	1
2	41196.55	TANK STRAP	1
3	9313065	SCREW	4
4	9313054	SCREW	2
4	9343075	SCREW	4
5	9313043	SCREW	3
6	9163005	NUT	4
8	8401168	FILTER	1
8401168 - FILTER			
Ref	Part No	Description	Qty
1	212.013.04	FILLER CAP	1
2	8401159	FILTER HOUSING	1
3	8401158	FILTER SPRING	1
4	8401164	USE 8401095	1
5	8401165	FILTER BOWL	1
6	8401166	FILTER GRUB SCREW	1
7	8401160	BREATHER CAP	1
8	8401162	BREATHER BOLT	1
9	8401167	IDENTIFICATION PLATE	1
10	8401161	ELEMMENT	1
11	8401163	DIFFUSER	1
12	8401143	FILTER SEAL	1
13	8700092	O RING	1
14	8700235	O RING	1
9	46505.01	HOLDER	1
10	9113003	NUT	3
11	9100203	WASHER	3
12	9100103	WASHER	3
13	08.921.01	FLUID LEVEL GAUGE	1
14	41196.88	PRESSING	1
15	9100105	WASHER	4
16	9300154	SCREW	2
17	9313085	SCREW	2
18	8650310	SEAL	4

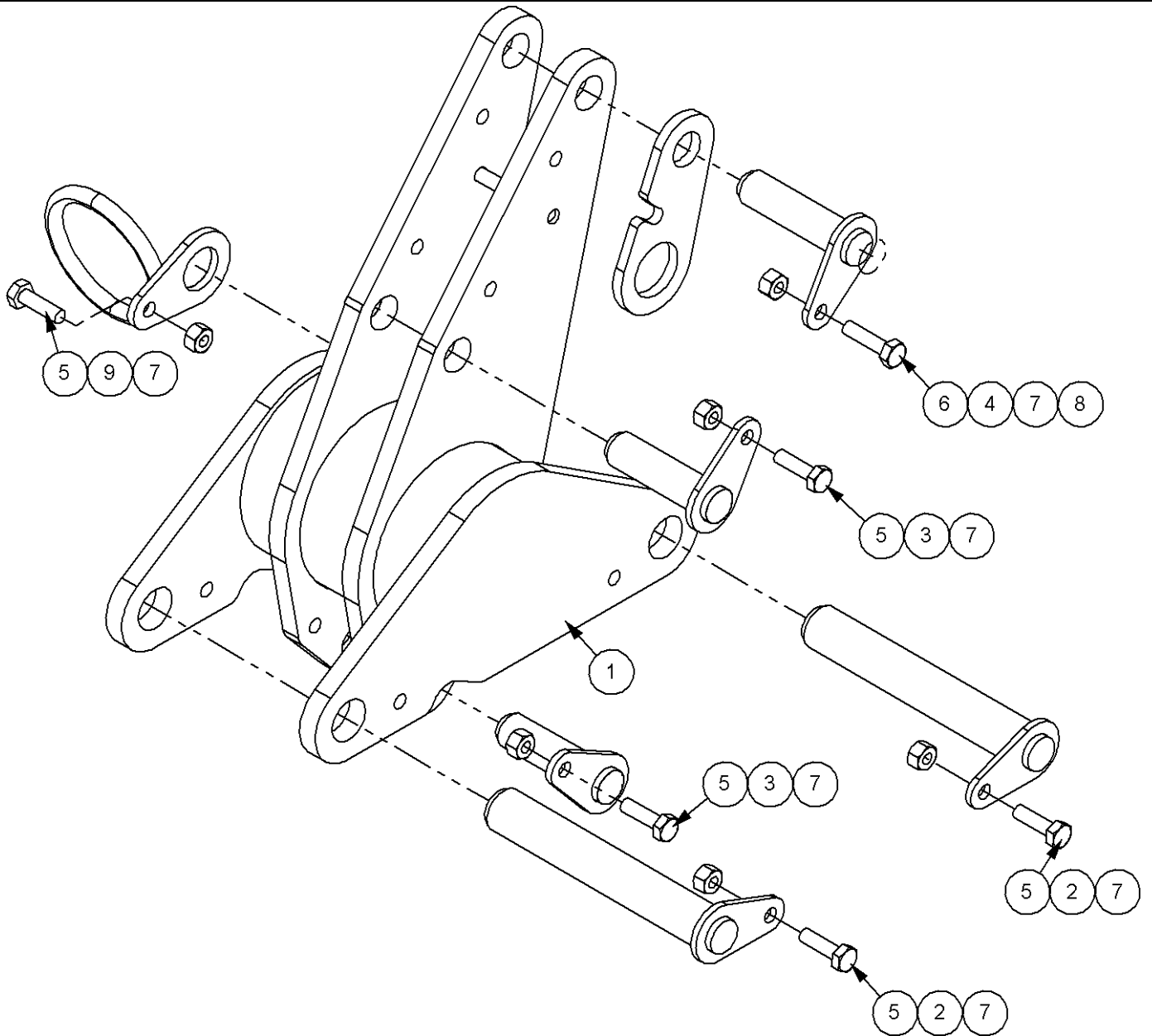
7434511 - ANGLING GEAR



7434511 - ANGLING GEAR

Ref	Part No	Description	Qty
1	41206.02	RADIUS ARM TYPE 2	2
2	41207.03	SLAVE LINK W/ASSY	1
3	41261.15	BRACKET -RH	1
4	7214060	BUSH	2
5	0901121	GREASER	2
6	9501406	PIN	2
7	9163006	NUT	5
8	9313086	SCREW	5
9	21873.01	PLATE	1
10	41270.01	PIN	1
11	9163005	NUT	3
12	9313055	SCREW	1
13	41690.01	BUSH	2
14	21971.02	PIN	1
15	21970.02	PIN W/ASSY	1
16	9313075	SCREW	2
17	05.234.01	WASHER	1
18	9300149	SCREW	1

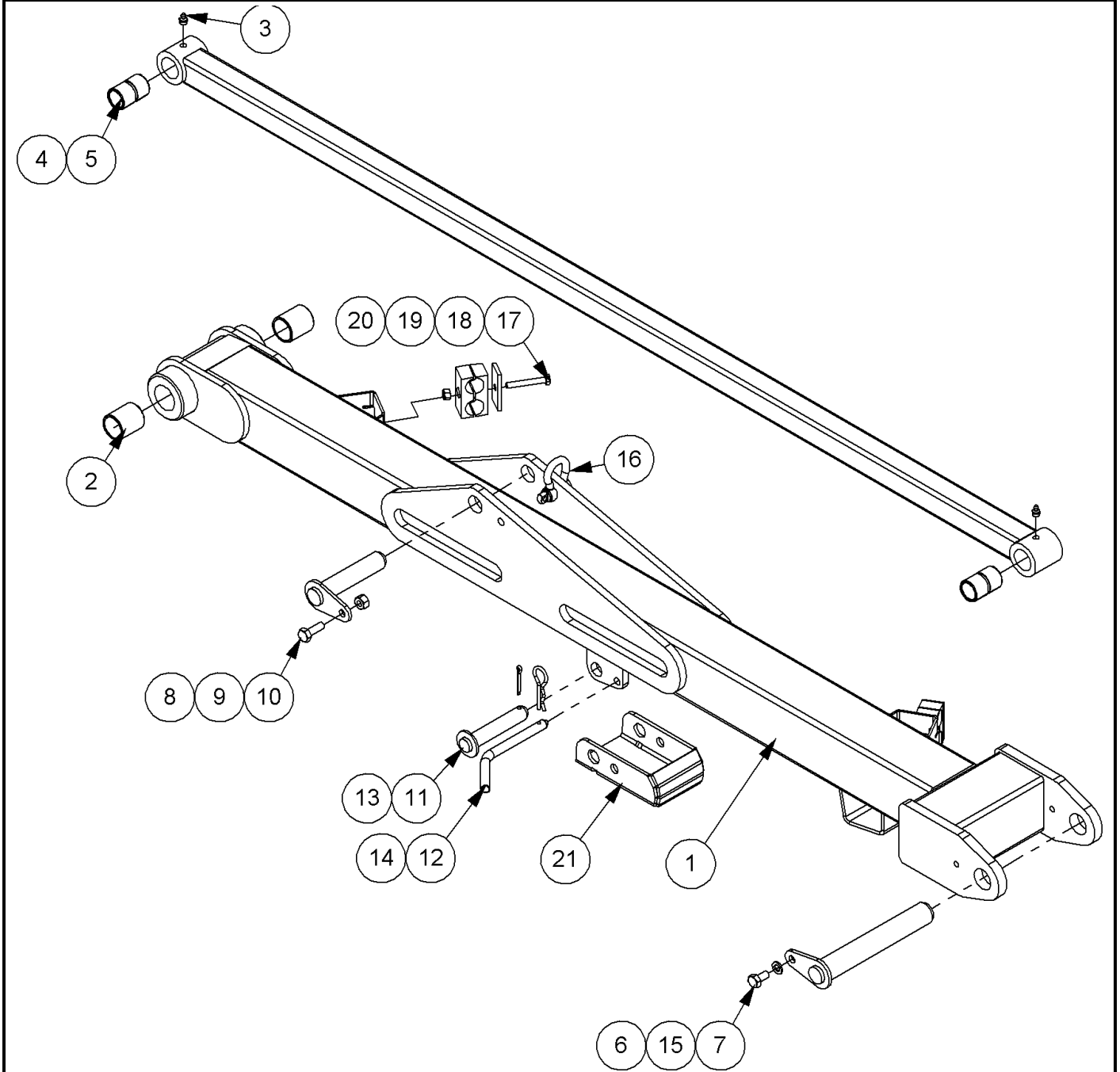
7434514 - ROCKER MODULE



7434514 - ROCKER MODULE

Ref	Part No	Description	Qty
1	41198.08	ROCKER	1
2	41268.02	PIN	2
3	41267.09	PIN	2
4	41267.03	PIN	1
5	9313075	SCREW	5
6	9313085	SCREW	1
7	9163005	NUT	6
8	22667.02	SLINGING EYE	1
9	43158.02	LOOP	1

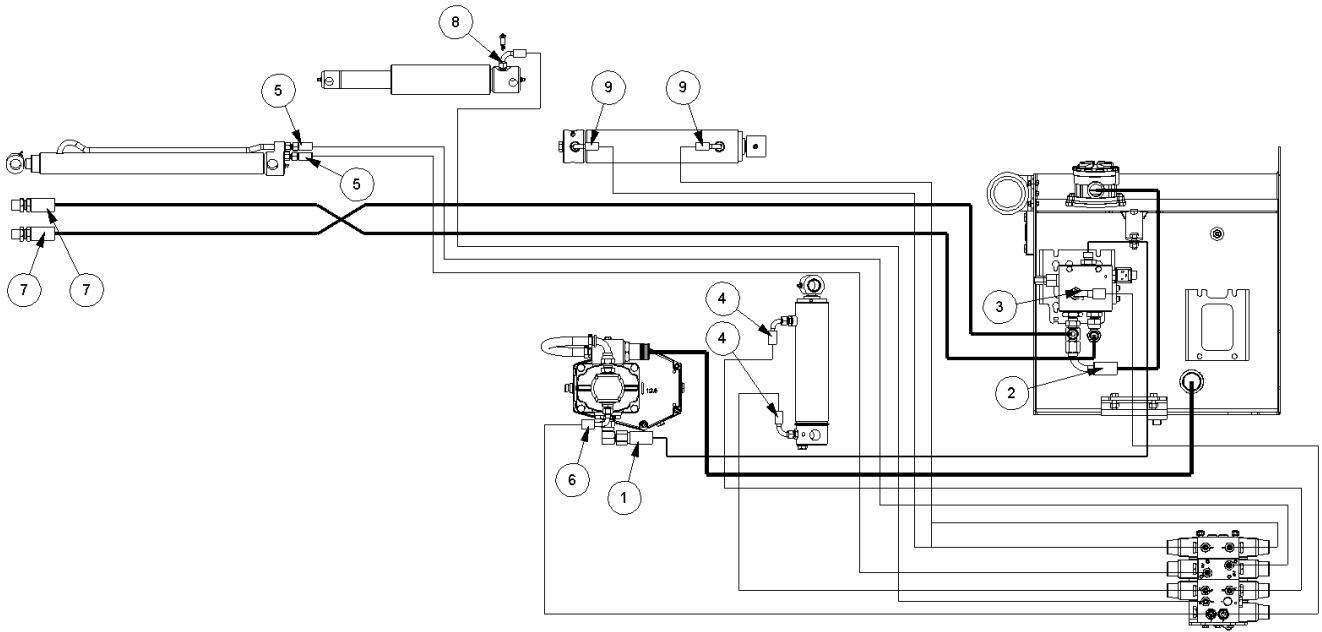
7434521 - MAIN ARM MODULE



7434521 - MAIN ARM MODULE

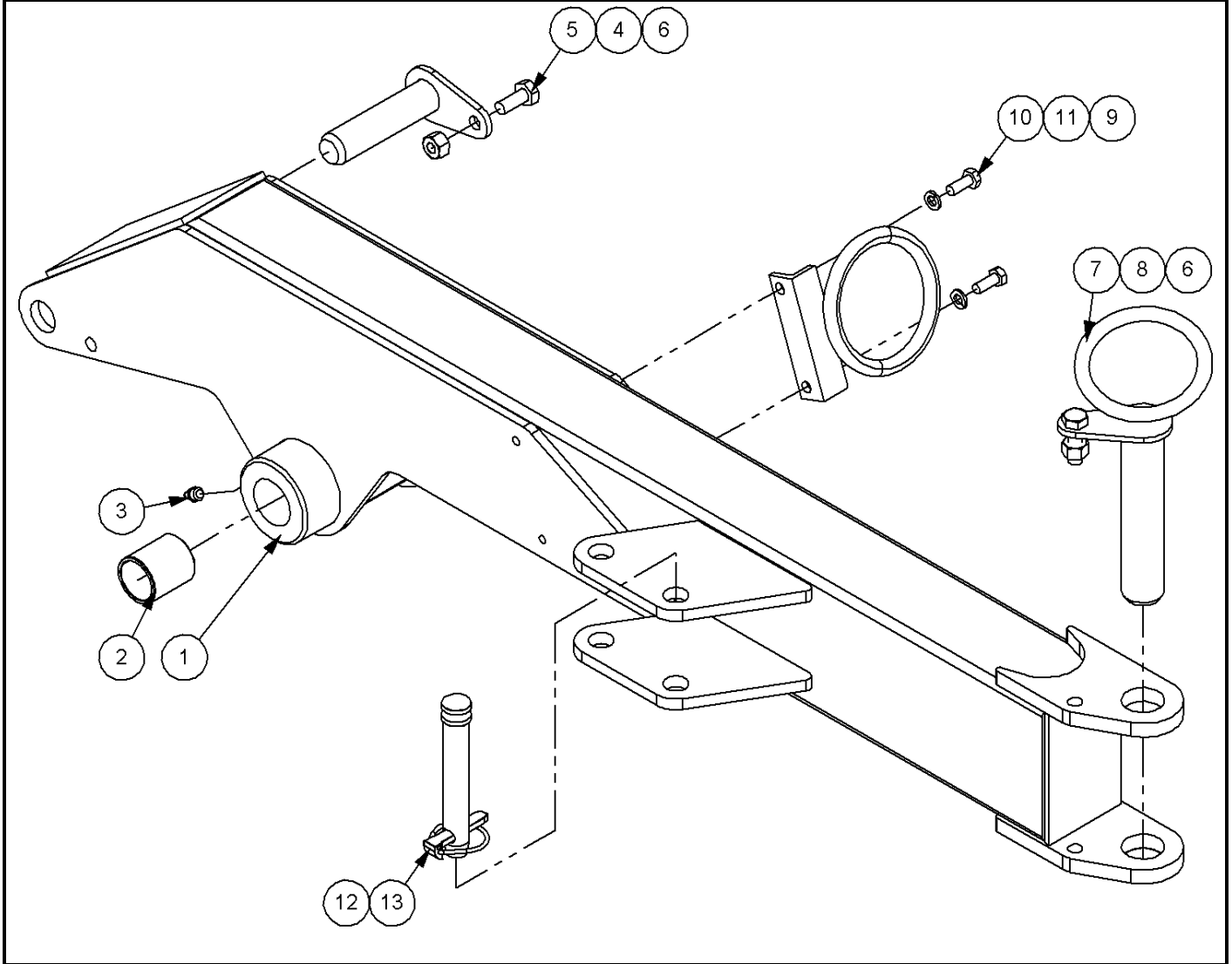
Ref	Part No	Description	Qty
1	41199.11	W/ASSY MAIN ARM	1
2	21149.01	BUSH	2
3	0901121	GREASER	3
4	22887.02	TENSION LINK W/ASSY	1
5	7105050	BUSH	2
6	41268.02	PIN	1
7	9313045	SCREW	1
8	9163005	NUT	1
9	41691.04	PIN	1
10	9313065	SCREW	1
11	43114.02	PIN	1
12	45297.02	PIN	1
13	9501326	PIN	1
14	0431105	PIN	1
15	9100205	WASHER	1
16	22668.02	SHACKLE	1
17	9213114	BOLT	2
18	06.418.03	PLATE	2
19	06.430.09	CLAMP (2 PCS)	2
20	9163004	NUT	2
21	41199.60	TRANSPORT PROP	1

743452209 - HOSE KIT



743452209 - HOSE KIT

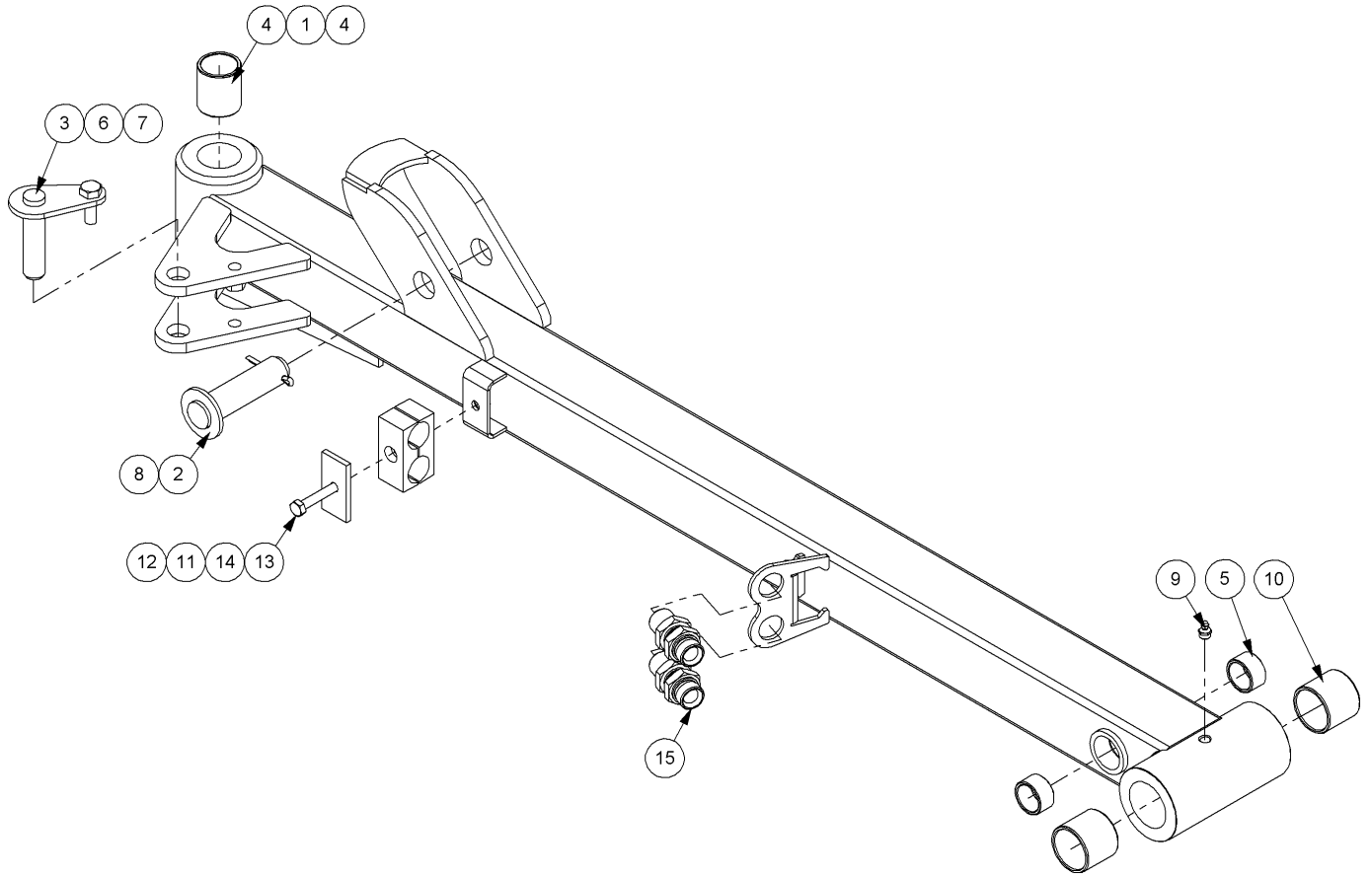
Ref	Part No	Description	Qty
1	10.008.22	HOSE	1
2	10.008.20	HOSE	1
3	10.006.12	HOSE	1
4	10.002.19	HOSE	2
5	10.001.52	HOSE	2
6	10.004.14	HOSE	1
7	10.081.52	5/8" BSP HOSE	2
8	10.002.52	HOSE	1
9	10.002.31	HOSE	2



7434529 - DIPPER MODULE

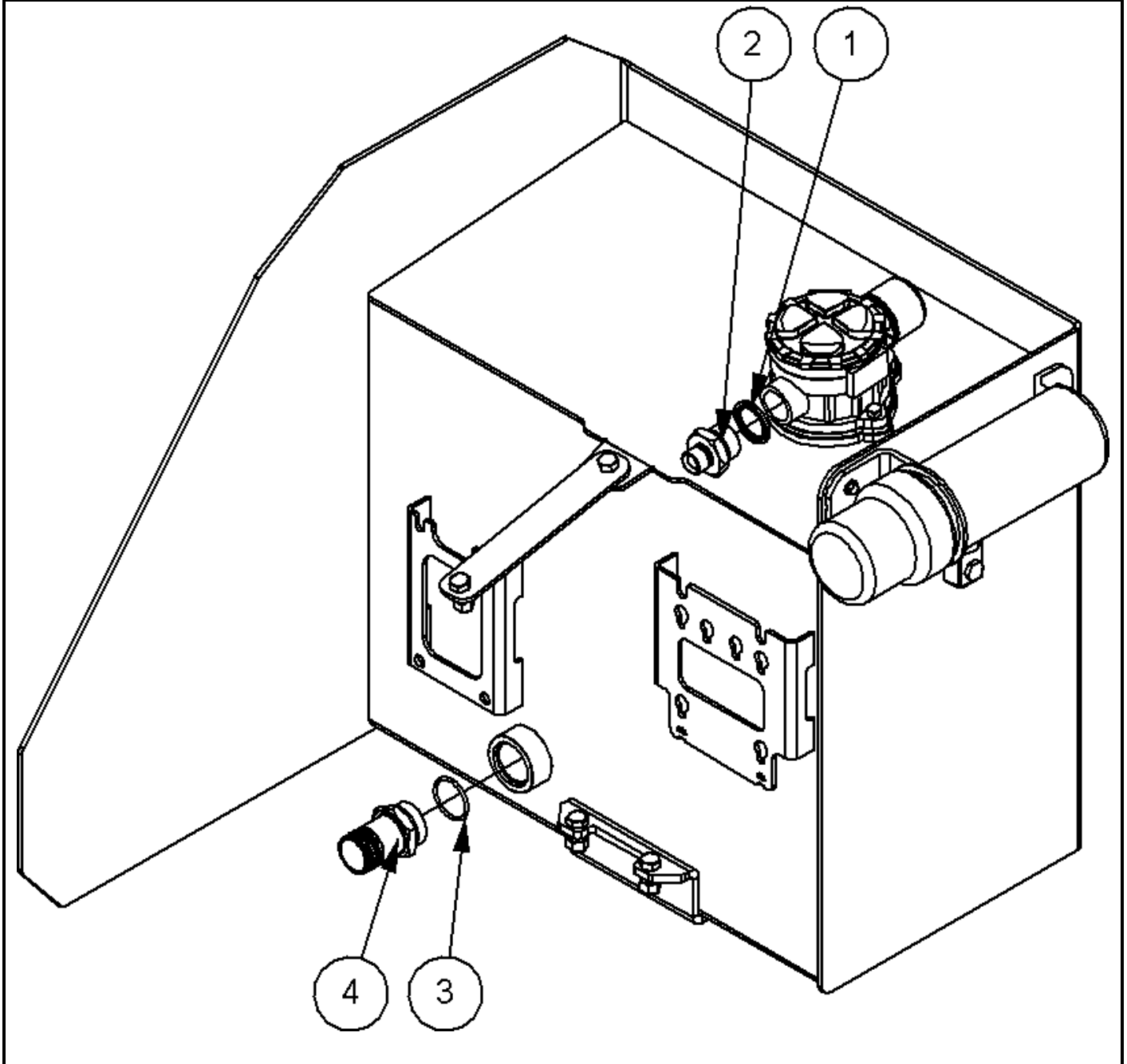
Ref	Part No	Description	Qty
1	41201.10	ARM -RH	1
2	21149.01	BUSH	2
3	0901121	GREASER	1
4	41267.05	PIN	1
5	9313055	SCREW	1
6	9163005	NUT	2
7	41269.01	PIN	1
8	9313075	SCREW	1
9	21844.02	HOSE LOOP	1
10	9313044	SCREW	2
11	9100204	WASHER	2
12	6310202	PIN	1
13	0431217	PIN	1

7434533 - MODULE DIPPER RH



7434533 - MODULE DIPPER RH

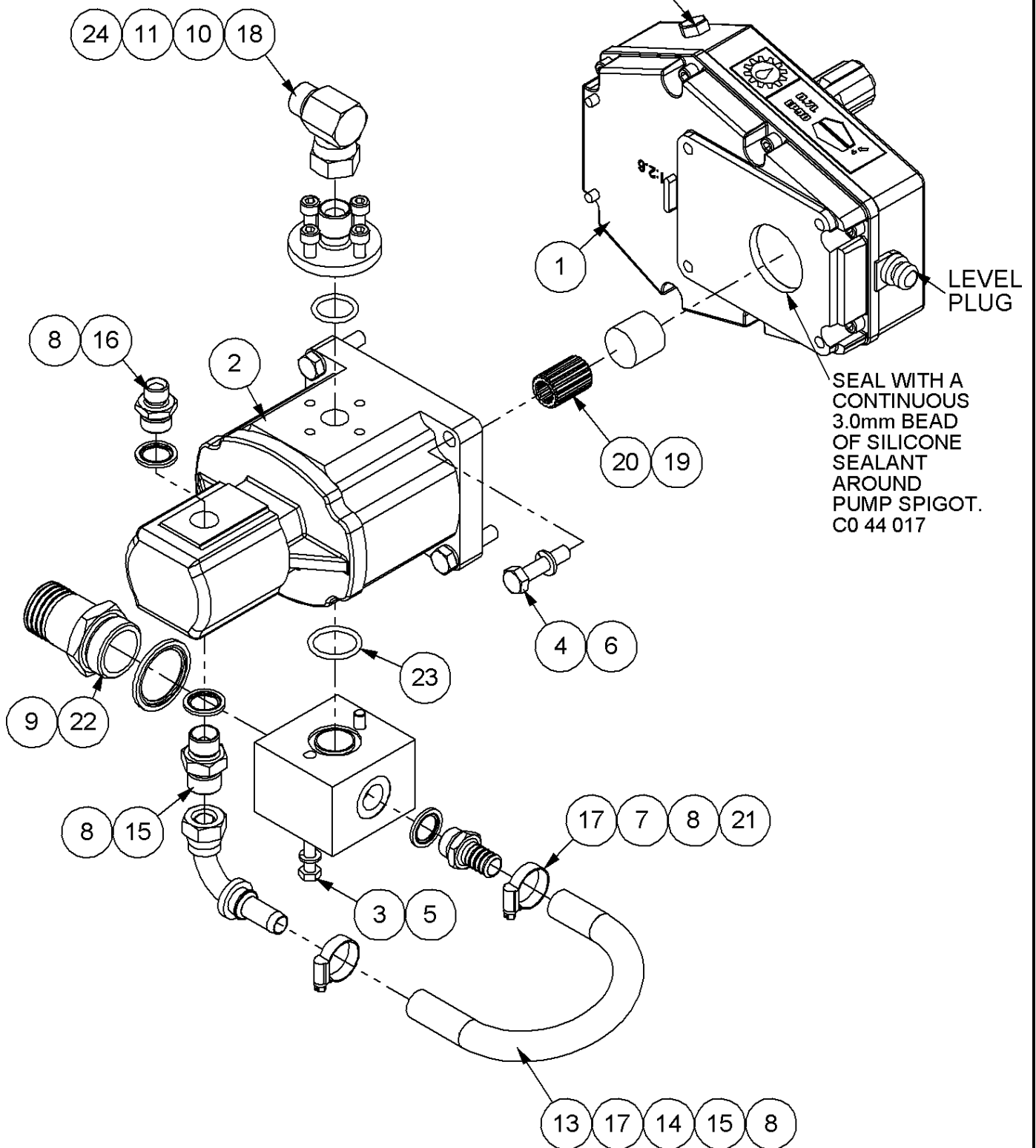
Ref	Part No	Description	Qty
1	41202.06	USE 41202.06Y OR.06B	1
2	7191041	PIN	1
3	41270.01	PIN	1
4	21149.01	BUSH	2
5	7214060	BUSH	2
6	9313065	SCREW	1
7	9163005	NUT	1
8	9501406	PIN	1
9	0901121	GREASER	3
10	7213023	BUSH	2
11	06.430.09	CLAMP (2 PCS)	1
12	9163004	NUT	1
13	9213114	BOLT	1
14	06.418.03	PLATE	1



7434540 - TANK FITTINGS

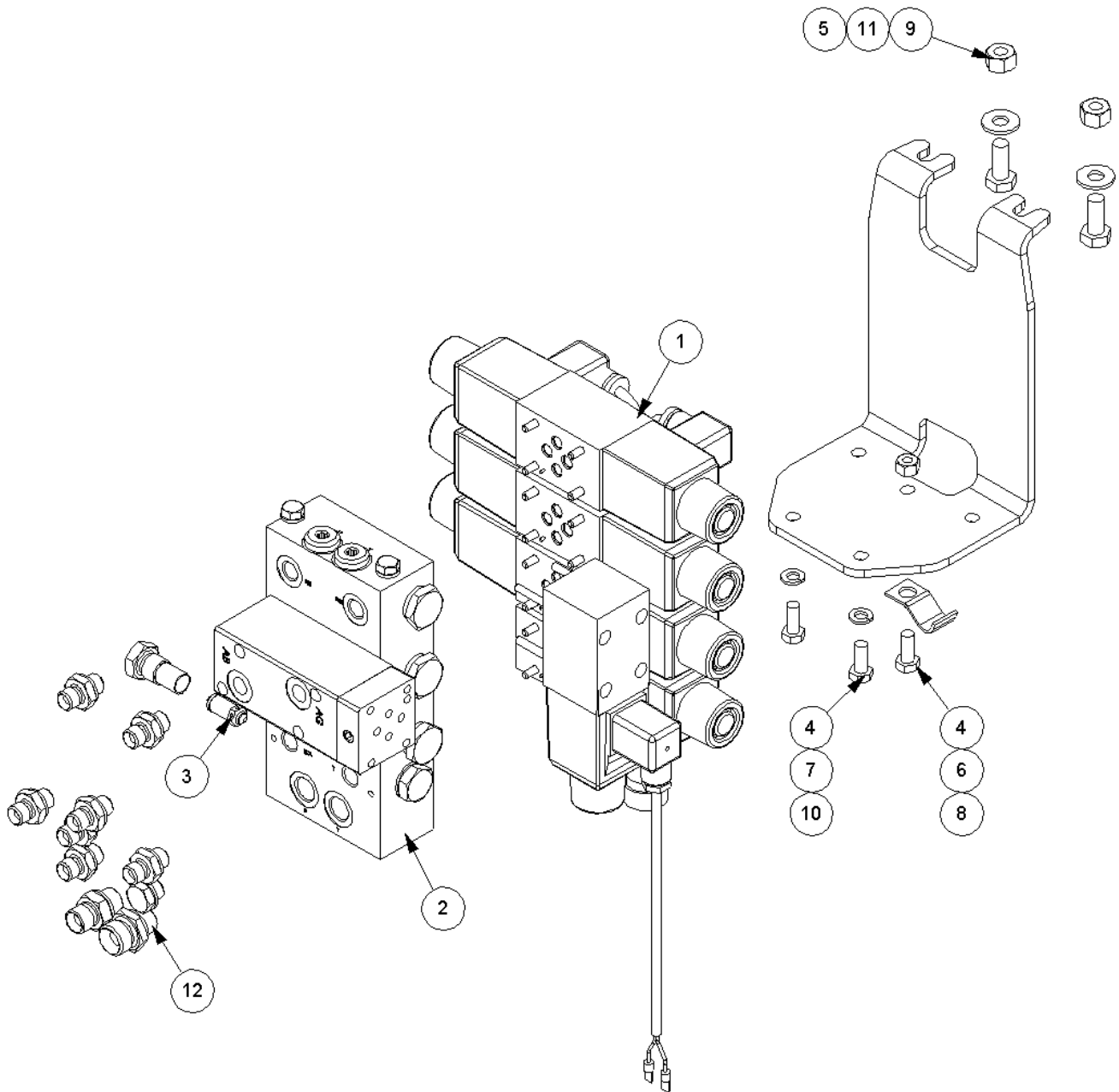
Ref	Part No	Description	Qty
1	8650108	SEAL	1
2	8581378	ADAPTOR	1
3	8700784	"O" RING	1
4	8581260	ADAPTOR	1

7434542 - PUMP AND GEARBOX

BREATHER
POSITION

7434542 - PUMP AND GEARBOX

Ref	Part No	Description	Qty
1	8013443	GEARBOX	1
8013443 - GEARBOX			
Ref	Part No	Description	Qty
1	0600047	BEARING	2
2	0600048	BEARING	2
3	8629139	SEAL	1
4	0401250	CIRCLIP	1
5	8629134	SEAL	1
6	9313046	SCREW	4
7	9100206	WASHER	4
8	5771124	BREATHER	1
2	8201466	PUMP	1
8201466 - PUMP			
Ref	Part No	Description	Qty
1	8699231	SEAL KIT	0
2	8201684	HYD PUMP F-HALF	1
3	8201677	PUMP	1
3	9213144	BOLT	2
4	9213095	BOLT	4
5	9100204	WASHER	2
6	9100205	WASHER	4
7	8002059	CONNECTION	1
8	8650104	SEAL	3
9	8650109	SEAL	1
10	8013083	CONNECTION	1
11	9300147	SCREW	4
12	1290030	DECAL	1
13	8501099	HOSE	1
14	8581173	ELBOW	1
15	G3812120	ADAPTOR	1
16	6000112	ADAPTOR	1
17	0904204	CLIP	2
18	8581565	ADAPTOR	1
19	42415.02	SPACER	1
20	8013097	ADAPTOR	1
21	8581577	BLOCK	1
22	8581260	ADAPTOR	1
23	8600122	"O" RING	1
24	8600119	"O" RING	1



7434557 - ACV ASSY

Ref	Part No	Description	Qty
1	22525.57	SOLENOID	1
22525.57 - SOLENOID			
Ref	Part No	Description	Qty
1	8402338	LOOM	1
2	41784.48	VALVE	3
41784.48 - VALVE			
Ref	Part No	Description	Qty
1	8699224	SEAL KIT	1
2	41784.99	COIL	2
3	8600107	"O" RING	4
3	8130456	VALVE	1
8130456 - VALVE			
Ref	Part No	Description	Qty
1	8699224	SEAL KIT	1
2	8130175	COIL	1
3	8130176	OVERRIDE KIT	1
4	8600107	"O" RING	4
4	8130457	VALVE	1
8130457 - VALVE			
Ref	Part No	Description	Qty
1	8130175	COIL	1
2	8130176	OVERRIDE KIT	1
3	8699224	SEAL KIT	1
4	8600107	"O" RING	4
5	9243062	SCREW	16
6	9243102	SCREW	4
7	41844.02	LOOM	1
2	22523.20	MANIFOLD ASSY	1
22523.20 - MANIFOLD ASSY			
Ref	Part No	Description	Qty
1	8132309	MANIFOLD 3 BANK	1
8132309 - MANIFOLD 3 BANK			
Ref	Part No	Description	Qty
1	8130303S	BLOCK	1
2	8130090	VALVE	5

8130090 - VALVE			
Ref	Part No	Description	Qty
1	8130025	CAP	1
2	8114045	SPRING	1
3	8130089	GUIDE	1
4	0905509	BALL	1
5	8700644	"O" RING	1
6	8130088	SEAT	1
7	8709644	ANTI.EXT.RING	1
3	8130087	ACTUATOR	3
4	8130032	CAP	1
5	8650103	SEAL	2
6	8126333	BLOCK	1
7	8700511		
"O" RING	6	8	9243082
SCREW	4	9	8130031
CAP	1	10	8582041
PLUG	2	11	8130354
VALVE	1		
8130354 - VALVE			
Ref	Part No	Description	Qty
1	8130209	CAP	1
2	8114045	SPRING	1
3	8130089	GUIDE	1
4	0905509	BALL	1
5	8700644	"O" RING	1
6	8130088	SEAT	1
7	8709644	ANTI.EXT.RING	1
12	8130164	VALVE	1
13	8581436	ADAPTOR	2
14	8126334	PLATE	1
	3		8130029
VALVE	1	4	9313044
SCREW	5	5	9313055
SCREW	2	6	7109151
CLAMP	1	7	9100204
WASHER	4	8	9163004
NUT	1	9	9163005
NUT	2	10	41196.57

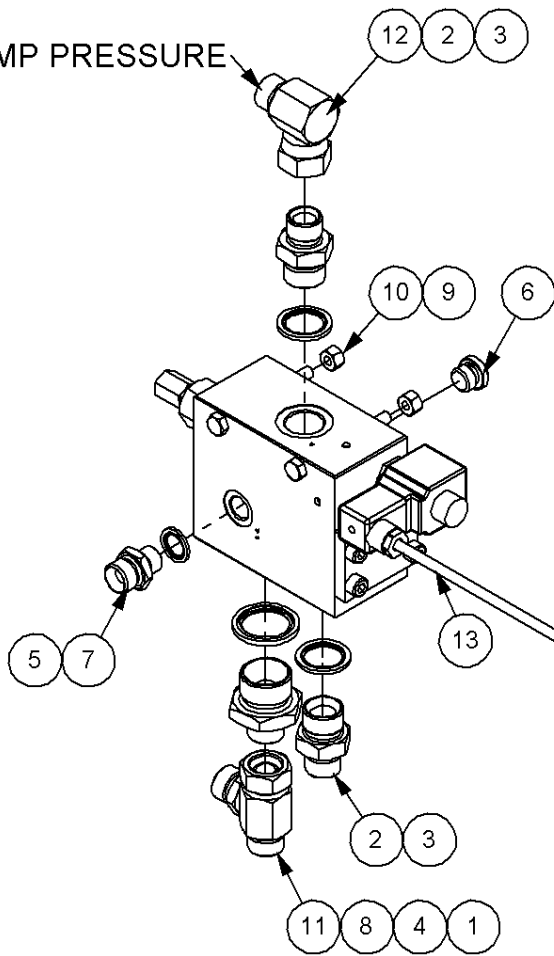
VALVE MTG PLATE	1	11	9100105
WASHER	2	12	22524.48
ADAPTOR KIT	1		
22524.48 - ADAPTOR KIT			
Ref	Part No	Description	Qty
1	6000113	ADAPTOR	1
2	6000112	ADAPTOR	1
3	8650102	SEAL	8
4	8650103	SEAL	2
5	8581169	ADAPTOR	7
7	520378	ADAPTOR	1

7434568 - RCV ON/OFF

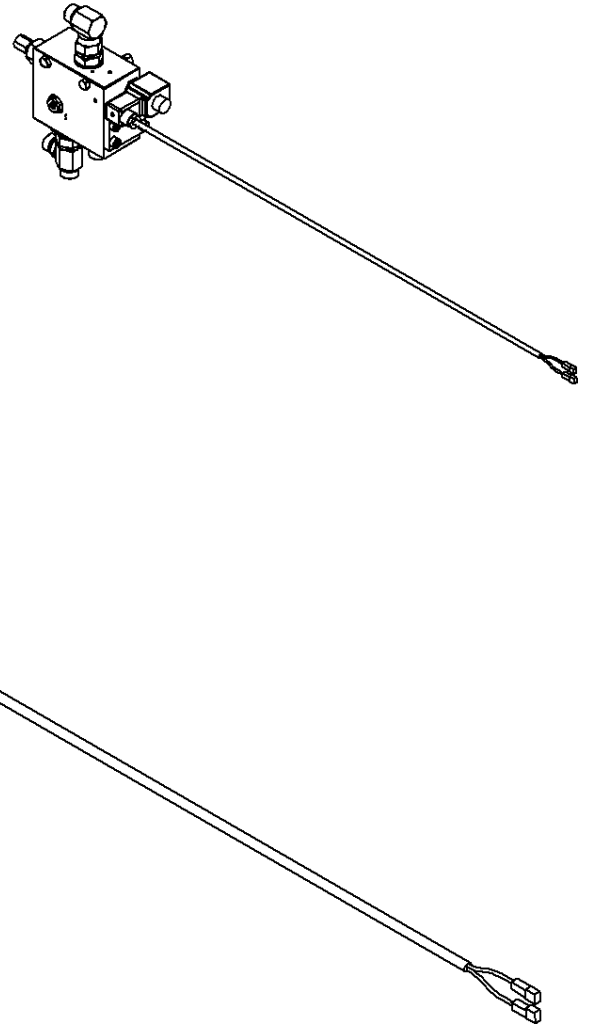
FOR LH BUILDS SWAP POSITIONS
OF ITEMS 6 WITH ITEMS 5 & 7.

LH BUILD

PUMP PRESSURE

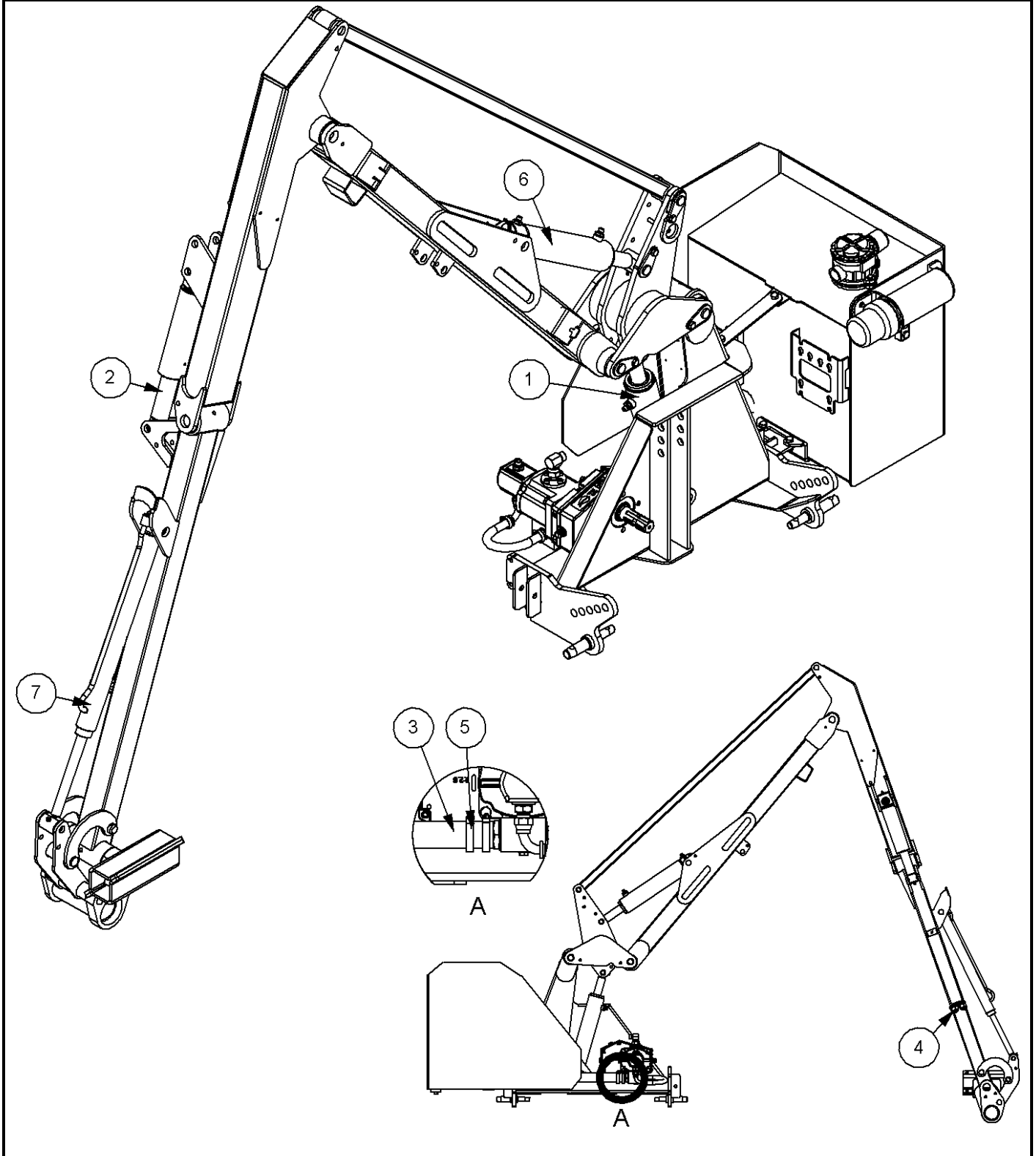


RH BUILD SHOWN



7434568 - RCV ON/OFF

Ref	Part No	Description	Qty
1	08.943.01	VALVE	1
08.943.01 - VALVE			
Ref	Part No	Description	Qty
1	08.943.02	SEAL KIT	1
1	08.943.20	BODY ASSY	1
1	08.943.21	RELIEF VALVE	1
1	08.943.22	COIL	1
1	08.943.23	SOLENOID	1
2	8581270	ADAPTOR	2
3	8650106	SEAL	2
4	8650108	SEAL	1
5	8650103	SEAL	1
6	8581436	ADAPTOR	1
7	6000112	ADAPTOR	1
8	8581378	ADAPTOR	1
9	9213164	BOLT	2
10	9163004	NUT	2
11	8581460	ADAPTOR	1
12	8581338	ADAPTOR	1
13	43177.29	LOOM	1
14	8581565	ADAPTOR	2



7434574 - HYD INST

Ref	Part No	Description	Qty
1	41014.12	RAM	1
41014.12 - RAM			
Ref	Part No	Description	Qty
1	41014.12AP	LIFT/REACH RAM	1
41014.12AP - LIFT/REACH RAM			
Ref	Part No	Description	Qty
1	41034.03	BARREL	1
2	41035.03	RAM ROD	1
3	7120383	PISTON	1
4	7120384	HOUSING	1
5	8629189	SEAL	1
6	8629190	SEAL	1
7	8629147	SEAL	1
8	8629164	SEAL	1
9	8609429	ANTI.EXT.RING	1
10	8600429	"O" RING	1
11	8600403	"O" RING	1
12	9363023	SCREW	1
1	41014.12P	RAM -PAINTED	0
1	8699228	SEAL KIT	0
13	8130048	RESTRICTOR	2
14	8003001	PLUG	1
15	8650103	SEAL	3
16	7105050	BUSH	1
17	0901121	GREASER	1
18	0901124	GREASER	1
2	41322.02	RAM	1
41322.02 - RAM			
Ref	Part No	Description	Qty
1	7198292AP	RAM	1
7198292AP - RAM			
Ref	Part No	Description	Qty
1	7191308	BARREL	1
2	7191051	PISTON ROD	1
3	7191299	PLUG	1
4	8629158	SEAL	1
5	8629152	SEAL	1
6	8600302	"O" RING	1

1	7198292P	RAM -PAINTED	0
2	8650104	SEAL	1
3	8130083	BODY	1
4	8130189	VALVE	1
5	8116011	SPRING	1
6	0901121	GREASER	2

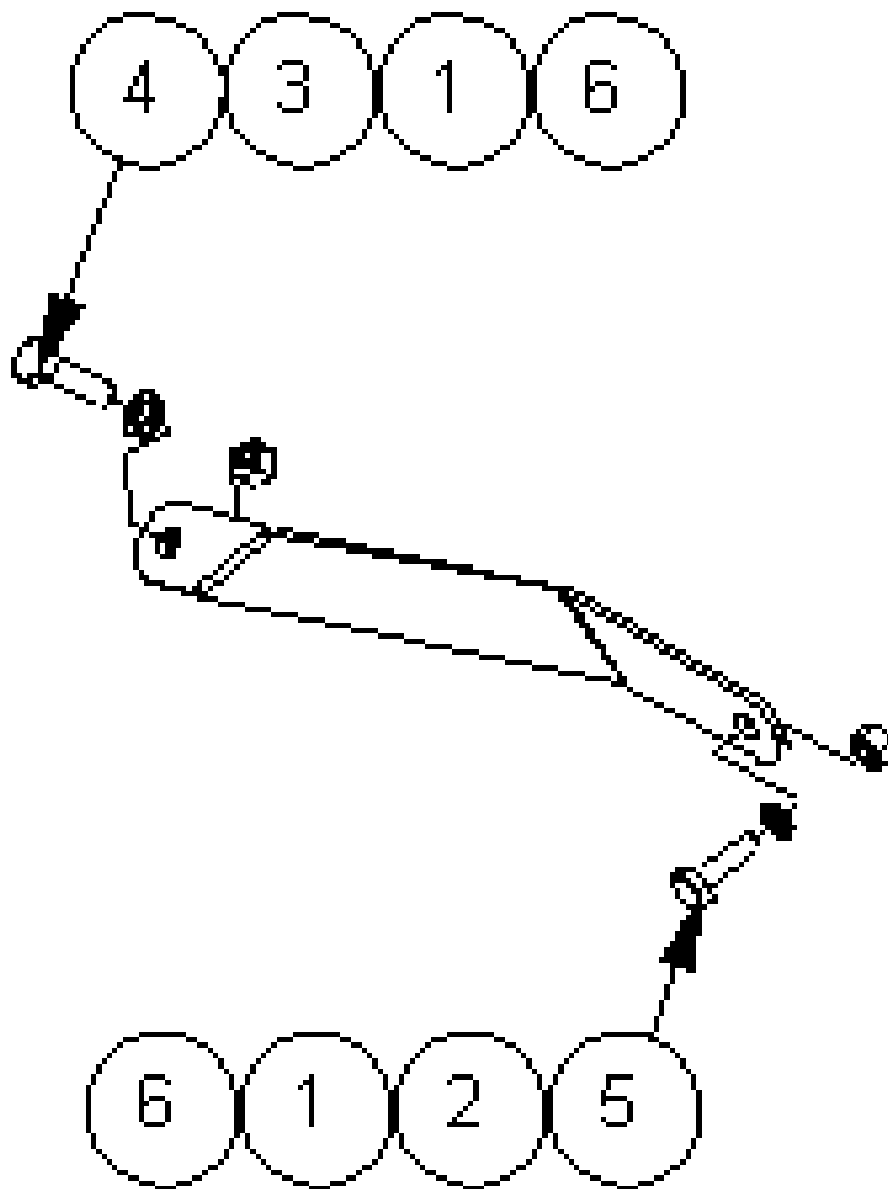
3	8501468	HOSE	1
4	G3812119	ADAPTOR	2
5	0904107	CLIP	4
6	41014.13	RAM	1

41014.13 - RAM			
Ref	Part No	Description	Qty
1	41014.12AP	LIFT/REACH RAM	1
41014.12AP - LIFT/REACH RAM			
Ref	Part No	Description	Qty
1	41034.03	BARREL	1
2	41035.03	RAM ROD	1
3	7120383	PISTON	1
4	7120384	HOUSING	1
5	8629189	SEAL	1
6	8629190	SEAL	1
7	8629147	SEAL	1
8	8629164	SEAL	1
9	8609429	ANTI.EXT.RING	1
10	8600429	"O" RING	1
11	8600403	"O" RING	1
12	9363023	SCREW	1
1	41014.12P	RAM -PAINTED	0
1	8699228	SEAL KIT	0
13	8130066	RESTRICTOR	1
14	8130046	RESTRICTOR	1
15	8003001	PLUG	1
16	8650103	SEAL	3
17	7105050	BUSH	1
18	0901121	GREASER	2

7	7191072	RAM	1
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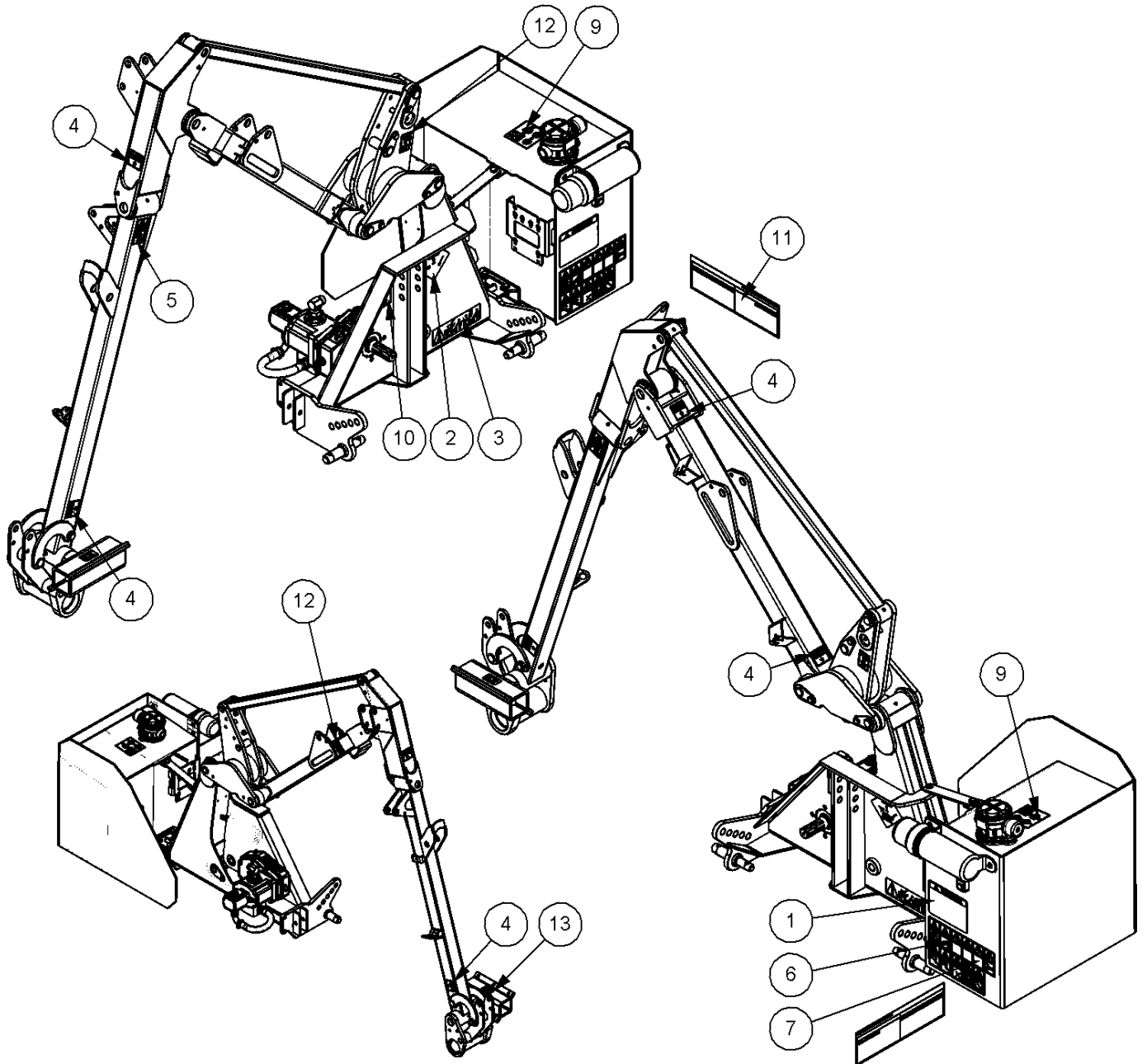
7191072 - RAM			
Ref	Part No	Description	Qty
1	7191295	RAM	1

7191295 - RAM			
Ref	Part No	Description	Qty
1	7191295AP	RAM	1
7191295AP - RAM			
Ref	Part No	Description	Qty
1	7191296	BARREL	1
2	1090031	PISTON ROD	1
3	1090273	HOUSING	1
4	8629162	SEAL	1
5	0411234	CIRCLIP	1
6	8629161	SEAL	1
7	8600124	"O" RING	1
8	1090034	USE 1130034	2
9	8629160	SEAL	1
10	8600112	O RING	1
11	0141007	NUT	1
12	8609124	AE RING	1
1	7191295P	RAM -PAINTED	0
1	8699202	SEAL KIT	0
12	0901121	GREASER	2
13	1130002	BUSH	1
1	8130037	RESTRICTOR	2
3	8650102	SEAL	2
4	8699202	SEAL KIT	0
8	7196045	HOSE TIE	15
9	05.835.01	ADAPTOR	1
10	8581565	ADAPTOR	1
11	22591.26	HOSE SLEEVING	1



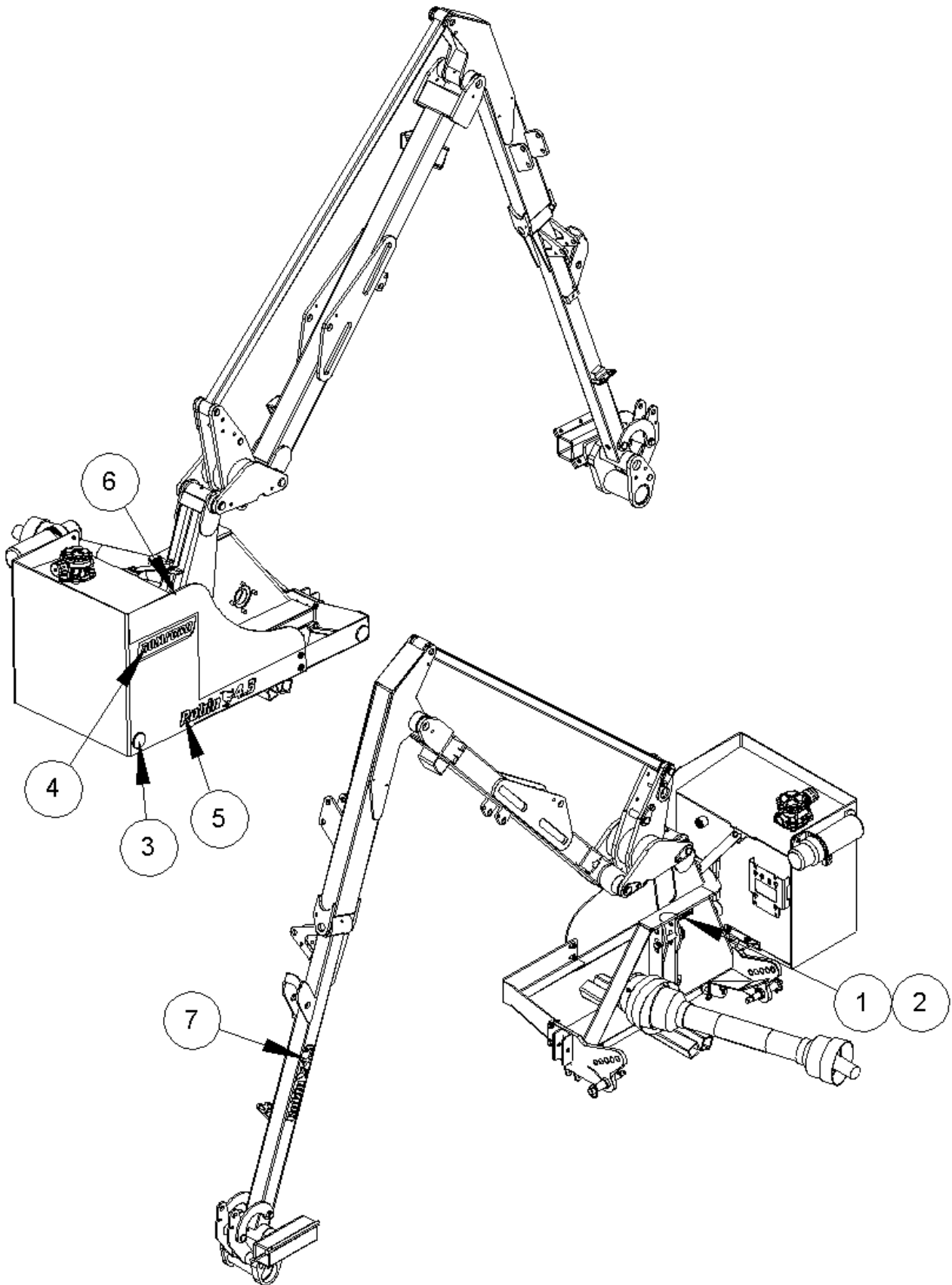
7434576 - PACKING KIT

Ref	Part No	Description	Qty
1	22852.53	PACKING STRAP	1
2	9100205	WASHER	1
3	9100206	WASHER	1
4	9163005	NUT	2
4	9313075	SCREW	1
4	9313086	SCREW	1



7434580 - BASIC STICKER KIT

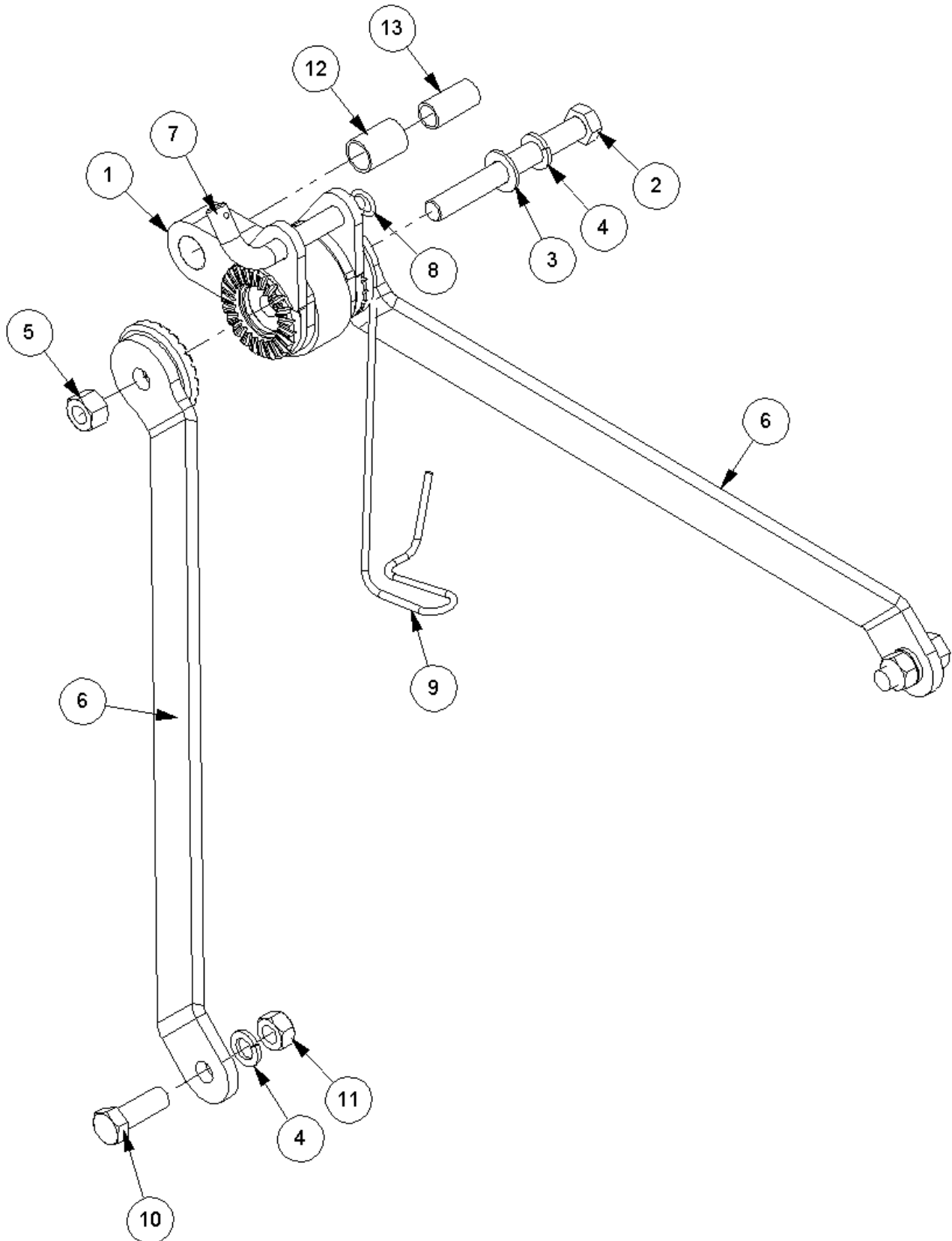
Ref	Part No	Description	Qty
1	00756494	DECAL	1
2	7105130	DECAL	1
3	7135295	DECAL	1
4	02962764	DECAL	6
5	1290746	DECAL	1
6	09.821.35	DECAL	1
7	09.821.28	DECAL	1
8	09.821.32	DECAL	1
9	1290774	DECAL	1
10	09.811.01	DECAL	1
11	1290352	DECAL	1
12	09.843.05	DECAL	2
13	21917.06	DECAL	1



7434589 - BOMFORD DECAL KIT

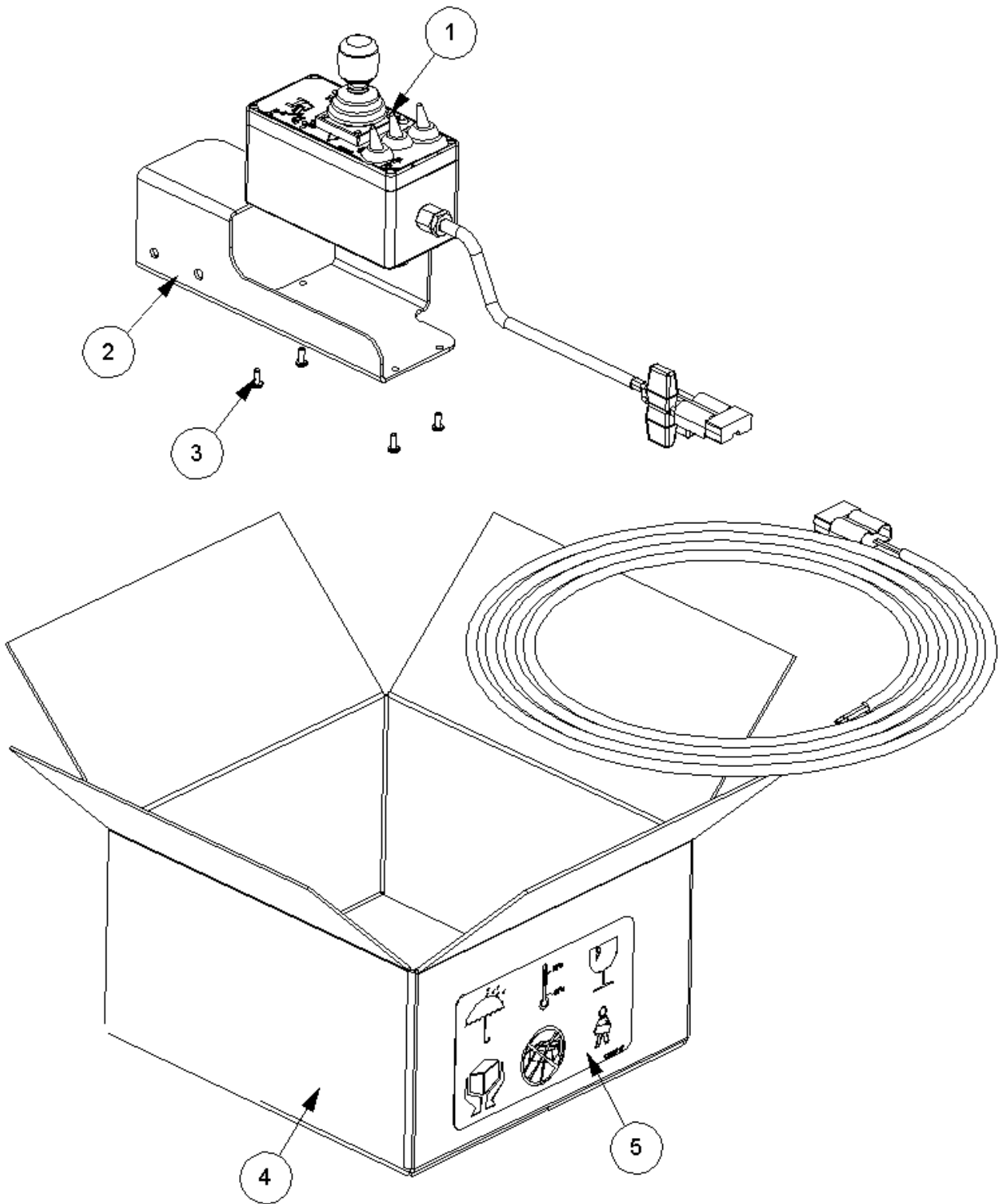
Ref	Part No	Description	Qty
1	41.094.15	SERIAL PLATE	1
2	7103230	RIVET	4
3	45671.01	REFLECTOR	2
4	1290882	BOMFORD DECAL	1
5	1290880	ROBIN DECAL 4.3	1
6	1290881	DECAL	1
7	1290889	ROBIN DECAL 4.3	1

7434614 - STABILIZER KIT



7434614 - STABILIZER KIT

Ref	Part No	Description	Qty
1	22957.01	STABILIZER TONGUE	1
2	9213408	BOLT	1
3	9100108	WASHER	1
4	9100208	WASHER	3
5	9163008	NUT	1
6	22957.02	STABILIZER ARM W/A	2
7	T1657	PIN - LINKAGE	1
8	0431217	PIN	1
9	21160.07	PTO HOOK	1
10	9313118	SCREW	2
11	9113008	NUT	2
12	21883.01	SLEEVE CAT 2-3	1
13	1467063	SLEEVE	1



8402920 - CONTROL MODULE

Ref	Part No	Description	Qty
1	8402404	CONTROL BOX	1
8402404 - CONTROL BOX			
Ref	Part No	Description	Qty
1	8402400	BOX	0
2	8402024	COVER	0
3	1290748	DECAL	0
4	8402246	USE 8402405	0
5	41845.41	LED	0
6	8402149	GLAND	0
7	43022.47	LOOM	0
8	8402189	SHELL	0
9	8402237	LOOM	0
2	42442.03	BRACKET	1
3	2800243	SCREW	4
4	8402701	BOX	1
5	1290717	DECAL	1