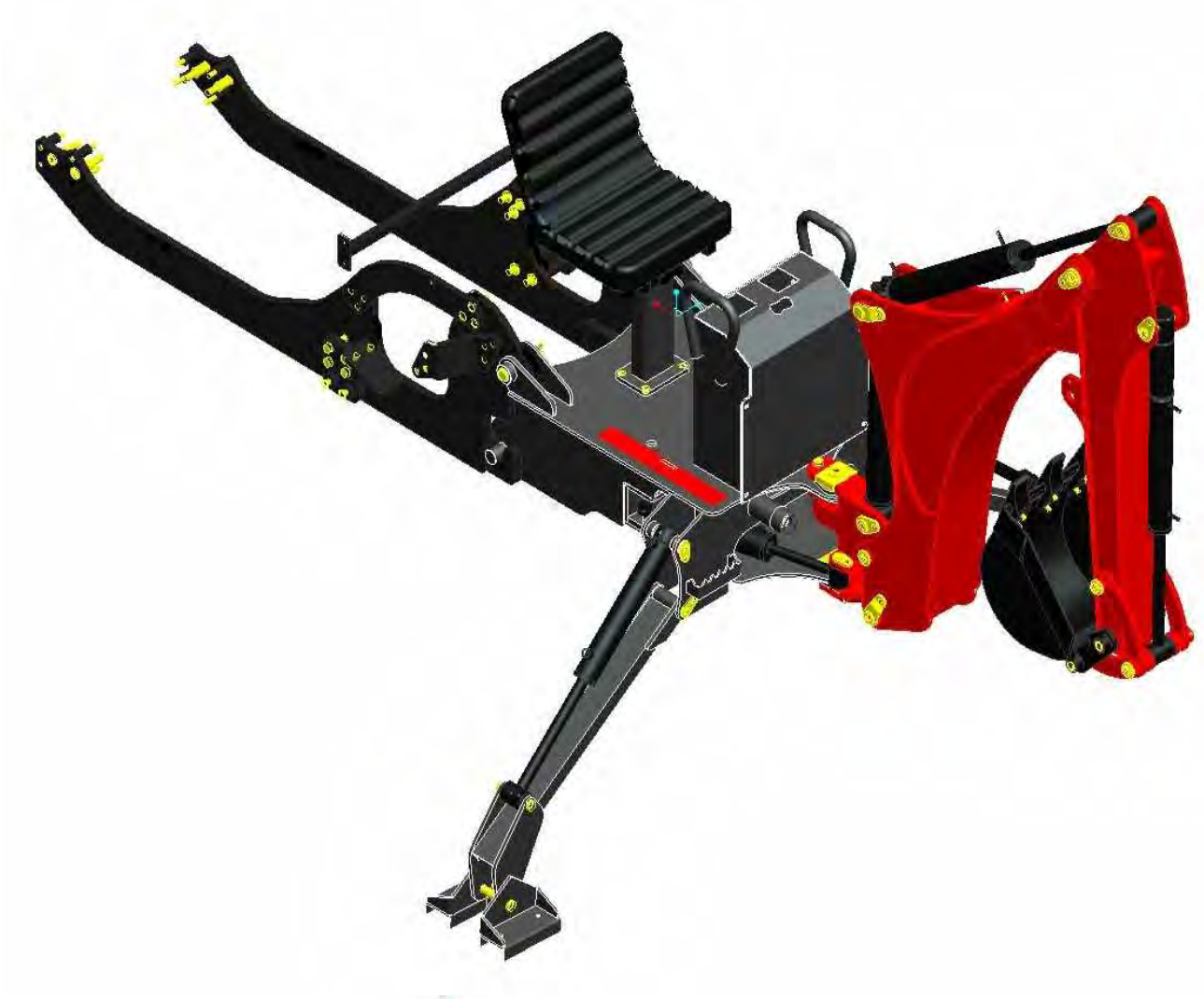
PARTS MANUAL

BK976/BK996/BH4979



BACKHOE

BK976-PM-01
Printed 2013, 03, 28

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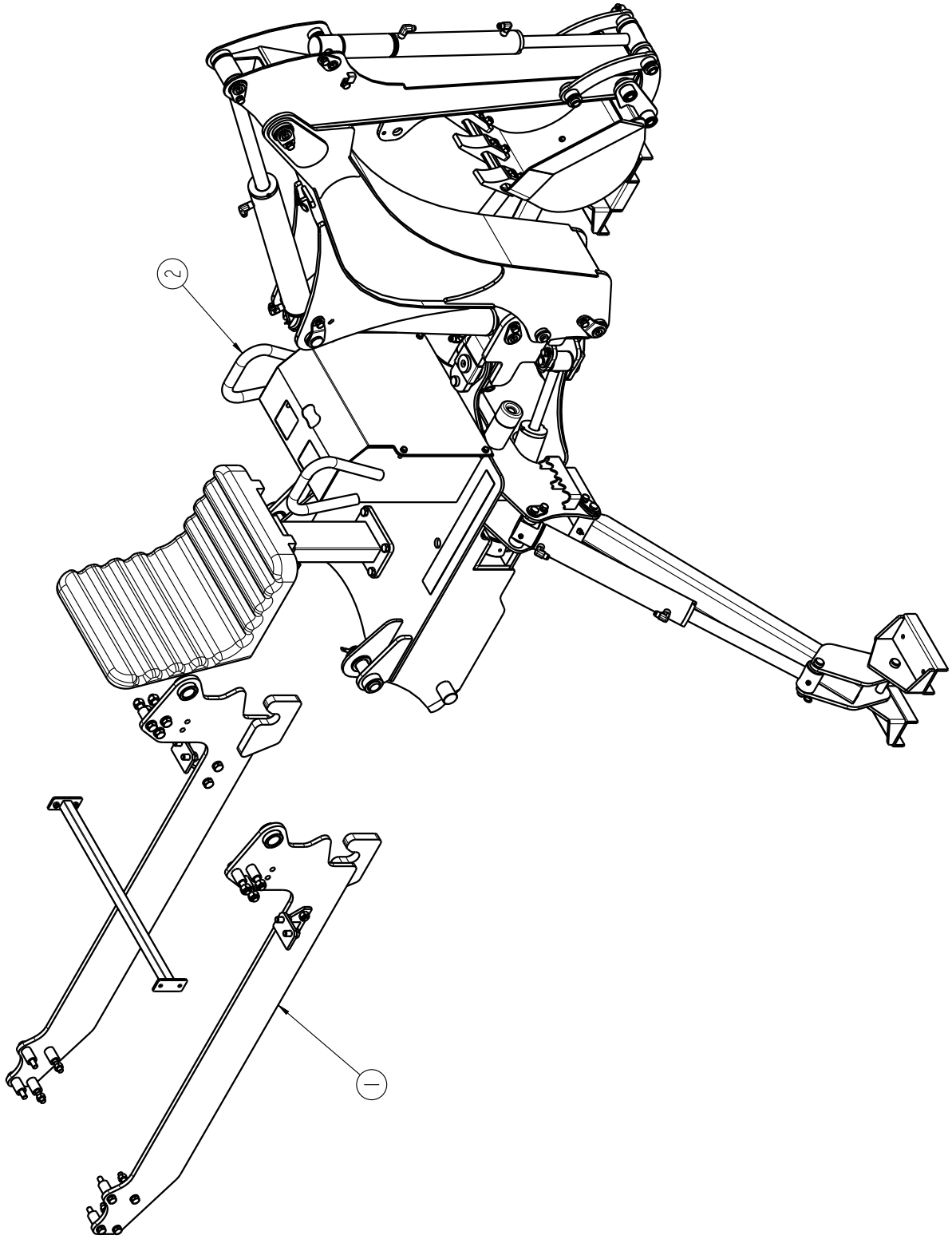
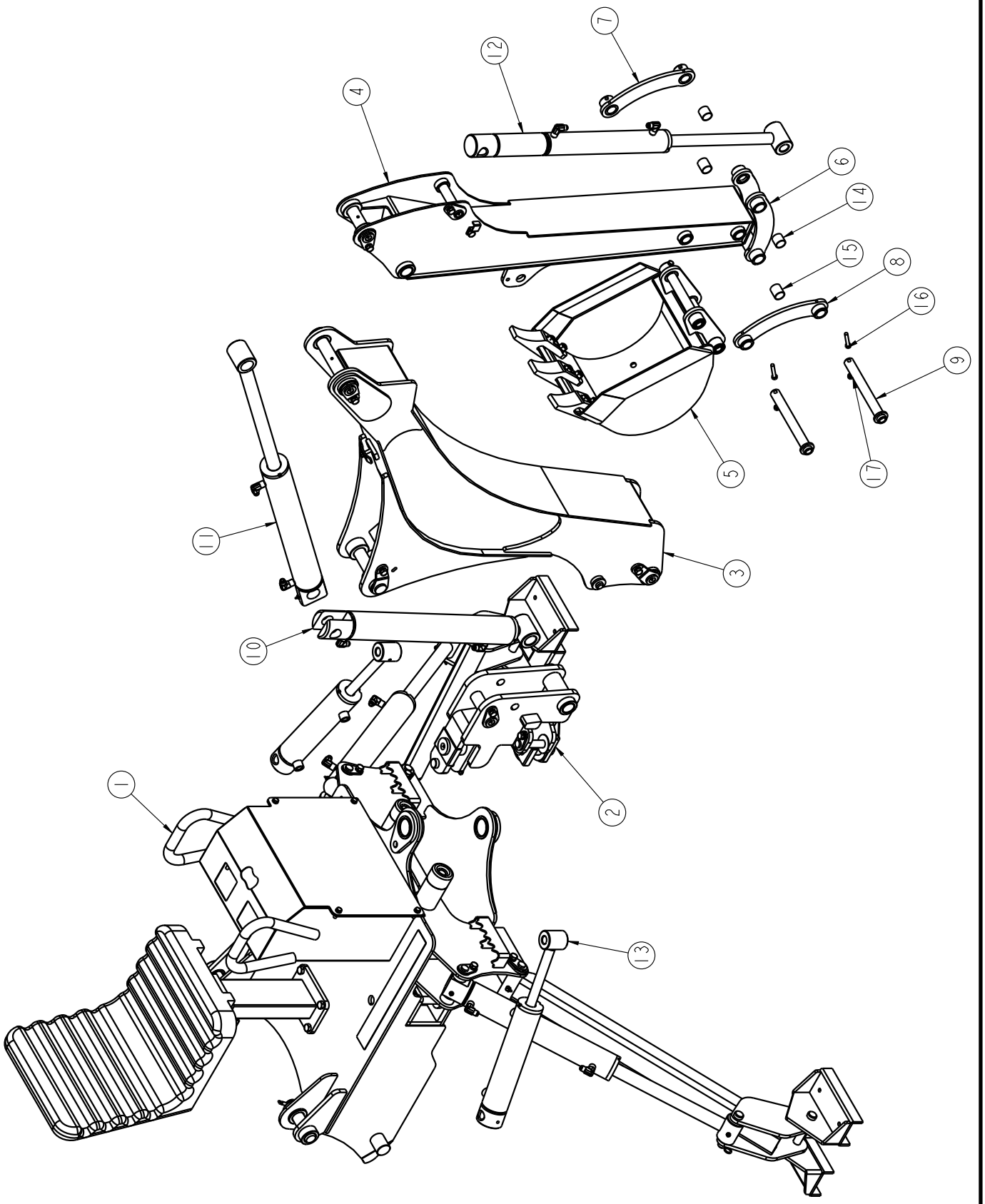
ASSEMBLY



ASSEMBLY
(P/N: BK976/BK996/BH4979)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BMK4976A	MOUNTING KIT		1	BK976
	BMK4996A				BK996
	BMK4400				BH4979
2	BHMB-760A	MAIN ASSY		1	

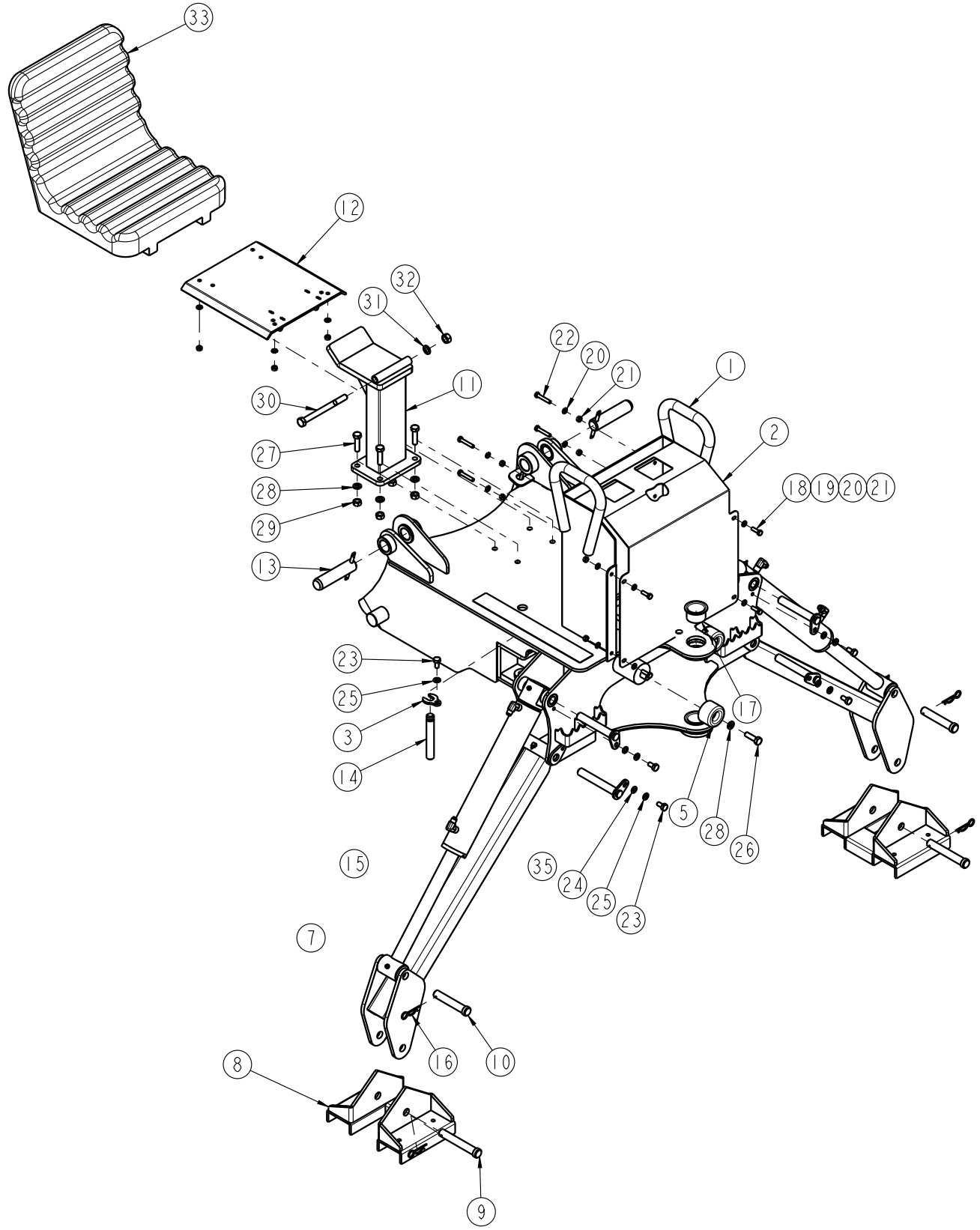
MAIN ASSEMBLY



MAIN ASSEMBLY
(P/N: BHMB-760A)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BMF4976F	MAIN FRAME		1	
2	BSF4976A	SWING-FRAME ASSY		1	
3	BBL76C	BOOM-LOWER ASSY		1	
4	BBH76C	BOOM-HIGH ASSY		1	
5	BBK40B	BUCKET ASSY(13"HD)		1	
6	BBK40B-5100	ROD BUCKET		1	
7	BBK40B-5300	LINK		1	
8	BBK40B-5400	LINK		1	
9	BBK40B-5500	PIN		2	
10	BH76C-09-8100	BOOM CYLINDER	Ø65xØ30x645LxST410	1	
11	BH76C-09-830A	DIPPER CYLINDER	Ø65xØ35x695LxST405	1	
12	BH76C-09-9000	BUCKET CYLINDER	Ø50xØ30x700LxST260	1	
13	BK976-09-9500	SWING CYLINDER	Ø60xØ25x385LxST220	2	
14	DB255N015	DU BUSH	Ø25xØ28x25L	2	
15	DB256N015	DU BUSH	Ø25xØ28x30L	2	
16	BH08AA125Z	BOLT	M8x50L	2	
17	NH08125Z	NUT	M8	2	

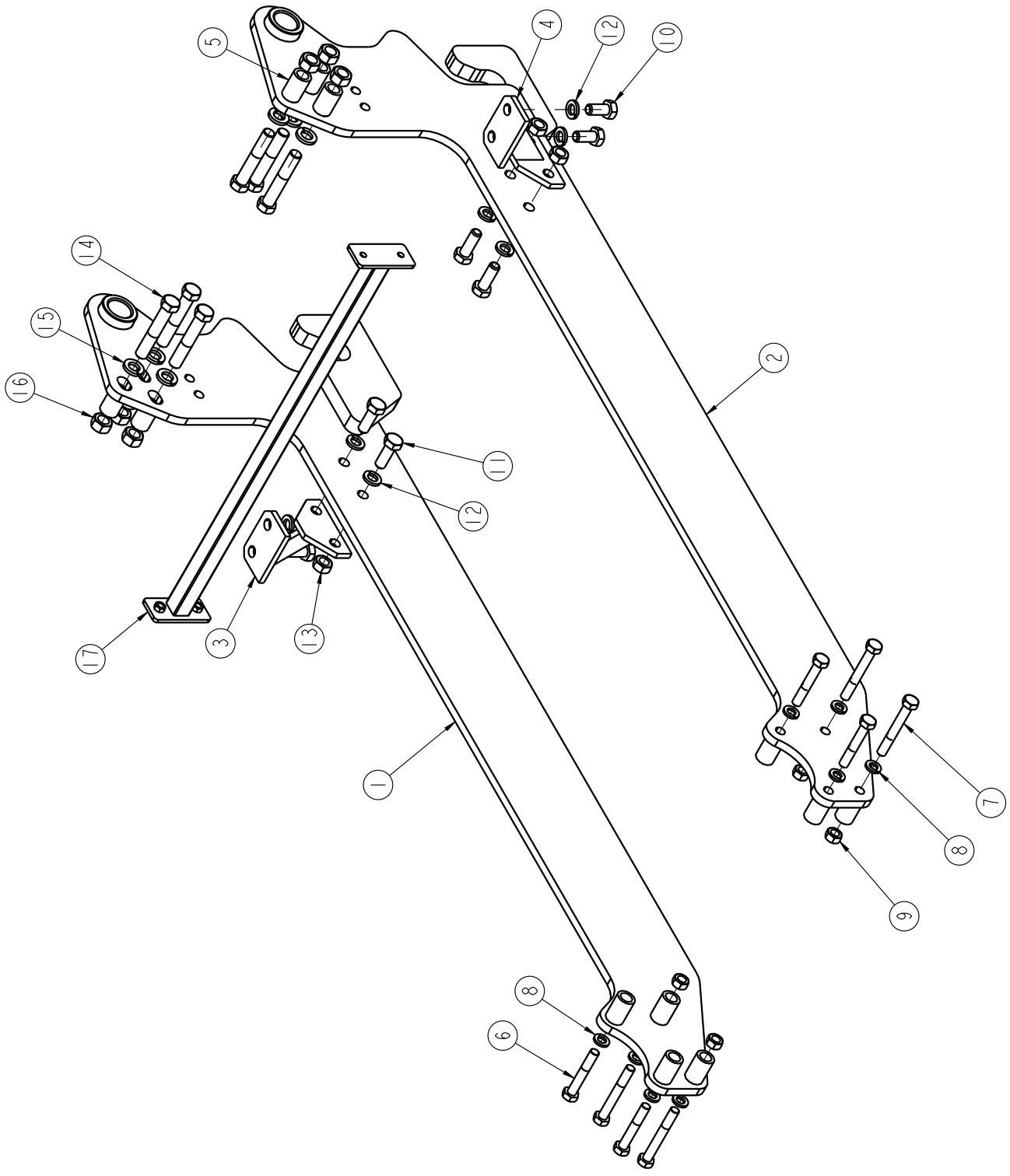
MAIN FRAME ASSEMBLY



MAIN FRAME ASSEMBLY
(P/N: BMF4976F)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BMF4976F-1000	FRAME		1	
2	BMF4025B-0010	COVER	1.6t	1	
3	BMF66A-0020	CLIP	5t	2	
4	BMF860-0100	PIN		2	
5	BMF40-1150	STOPPER	Ø60	2	
6	BMF40-1160	SPACER	Ø17.3x2.3t	2	
7	BMF4025B-2800	STABILIZER LEG		2	
8	BMF40-290A	STABILIZER		2	
9	BMF40-0020	PIN	Ø20	2	
10	BMF40-0030	PIN	Ø20	2	
11	BMF66A-4000	BRACKET		1	
12	BMF40-330A	SEAT BRACKET		1	
13	BMF4976A-5100	PIN		2	
14	BMF66A-5200	PIN	Ø20x139L	2	
15	BMF4025B-8500	STABILIZER CYLINDER	Ø60xØ35x520LxST305	2	
16	PR30045	R-PIN	Ø3	4	
17	DB95T030	DU BUSH	Ø45x30L	2	
18	BH0855125Z	BOLT	M8x25L	4	
19	WP08M	PLAIN WASHER	M8	4	
20	WS08M	SPRING WASHER	M8	12	
21	NH08125Z	NUT	M8	12	
22	BH0899125Z	BOLT	M8x45L	4	
23	BH1044150Z	BOLT(10.9T)	M10x20L	6	
24	WP10M	PLAIN WASHER	M10	4	
25	WS10M	SPRING WASHER	M10	6	
26	BH1288175Z	BOLT(10.9T)	M12x40L	2	
27	BH1299175Z	BOLT(10.9T)	M12x45L	4	
28	WS12M	SPRING WASHER	M12	6	
29	NH12175Z	NUT	M12	4	
30	BH14W8200Z	BOLT(10.9T)	M14x160L	1	
31	WP14M	PLAIN WASHER	M14	1	
32	NL14200Z	LOCK NUT	M14	1	
33	KA18009730	SEAT		1	
34	Non-Slip Tape			2	
35	BMF860-0200	PIN		2	
36	GN08M-90	GREASE NIPPLE(90)	M8	2	

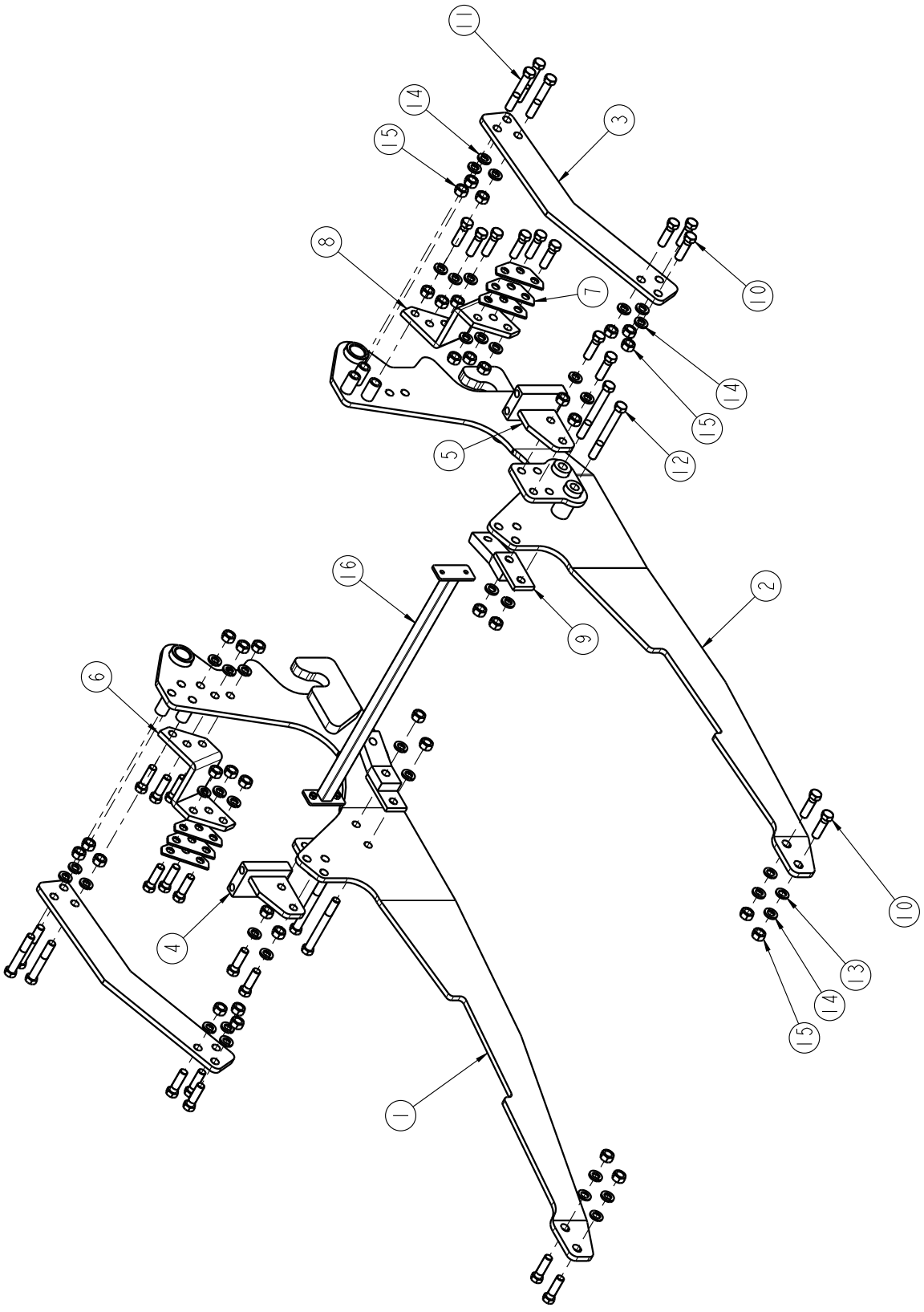
MOUNTING KIT
(P/N: BMK4976A)



MOUNTING KIT
(P/N: BMK4976A)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BMK4976A-1100	FRAME LH.		1	
2	BMK4976A-1200	FRAME RH.		1	
3	BMK4976A-1300	BRACKET LH.		1	
4	BMK4976A-1400	BRACKET RH.		1	
5	BMK4976A-1140	BUSHING	Ø25xØ17x39L	6	
6	BH12F6125Z	BOLT(10.9T)	M12x75Lx1.25P	4	
7	BH1216175Z	BOLT(10.9T)	M12x90L	4	
8	WS12M	SPRING WASHER	M12	8	
9	NH12175Z	NUT	M12	4	
10	BH1466150Z	BOLT(10.9T)	M14x30Lx1.5P	4	
11	BH1488200Z	BOLT(10.9T)	M14x40L	4	
12	WS14M	SPRING WASHER	M14	8	
13	NH14200Z	NUT	M14	4	
14	BH1618200Z	BOLT(10.9T)	M16x90L	6	
15	WS16M	SPRING WASHER	M16	6	
16	NH16200Z	NUT	M16	6	
17	BMK4976A-2100	CROSS BAR		1	

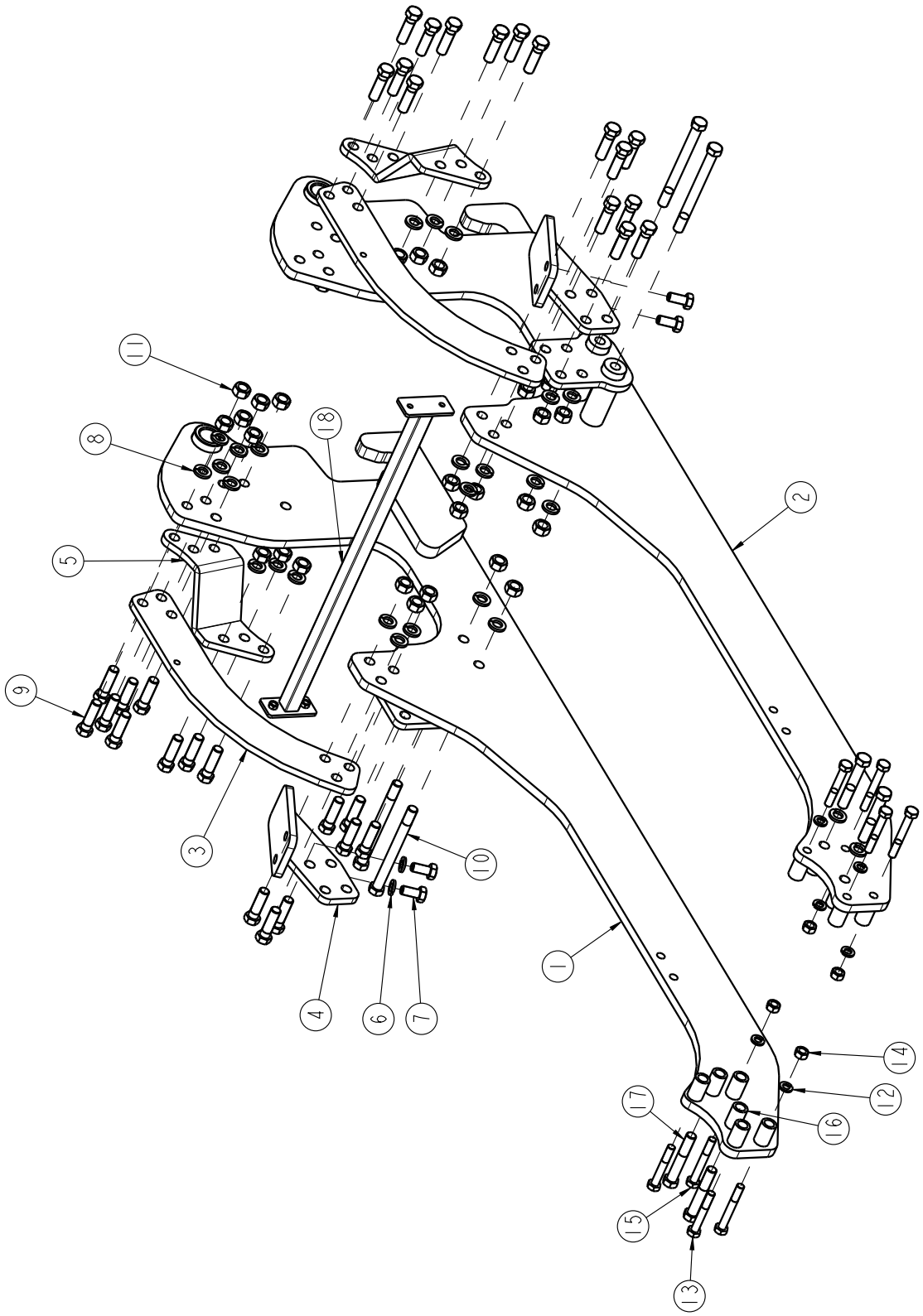
MOUNTING KIT
(P/N: BMK4996A)



MOUNTING KIT
(P/N: BMK4996A)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BMK4996A-1100	SUB FRAME RH, AL		1	
2	BMK4996A-1200	SUB FRAME LH, AL		1	
3	BMK4996A-1300	PLATE	12t	2	
4	BMK4996A-1400	BRACKET		1	
5	BMK4996A-1500	BRACKET		1	
6	BMK4996A-1600	BRACKET	12t	1	
7	BMK4996A-1610	SHIM	4t	6	
8	BMK4996A-1700	BRACKET	12t	1	
9	BMK4996A-1800	BRACKET		2	
10	BH16B9200Z	BOLT(10.9T)	M16x55L	26	
11	BH16K8200Z	BOLT(10.9T)	M16x100L	6	
12	BH16S8200Z	BOLT(10.9T)	M16x140L	4	
13	WP16M	PLAIN WASHER	M16	4	
14	WS16M	SPRING WASHER	M16	36	
15	NH16200Z	NUT	M16	36	
16	BMK4976A-2100	CROSS BAR		1	

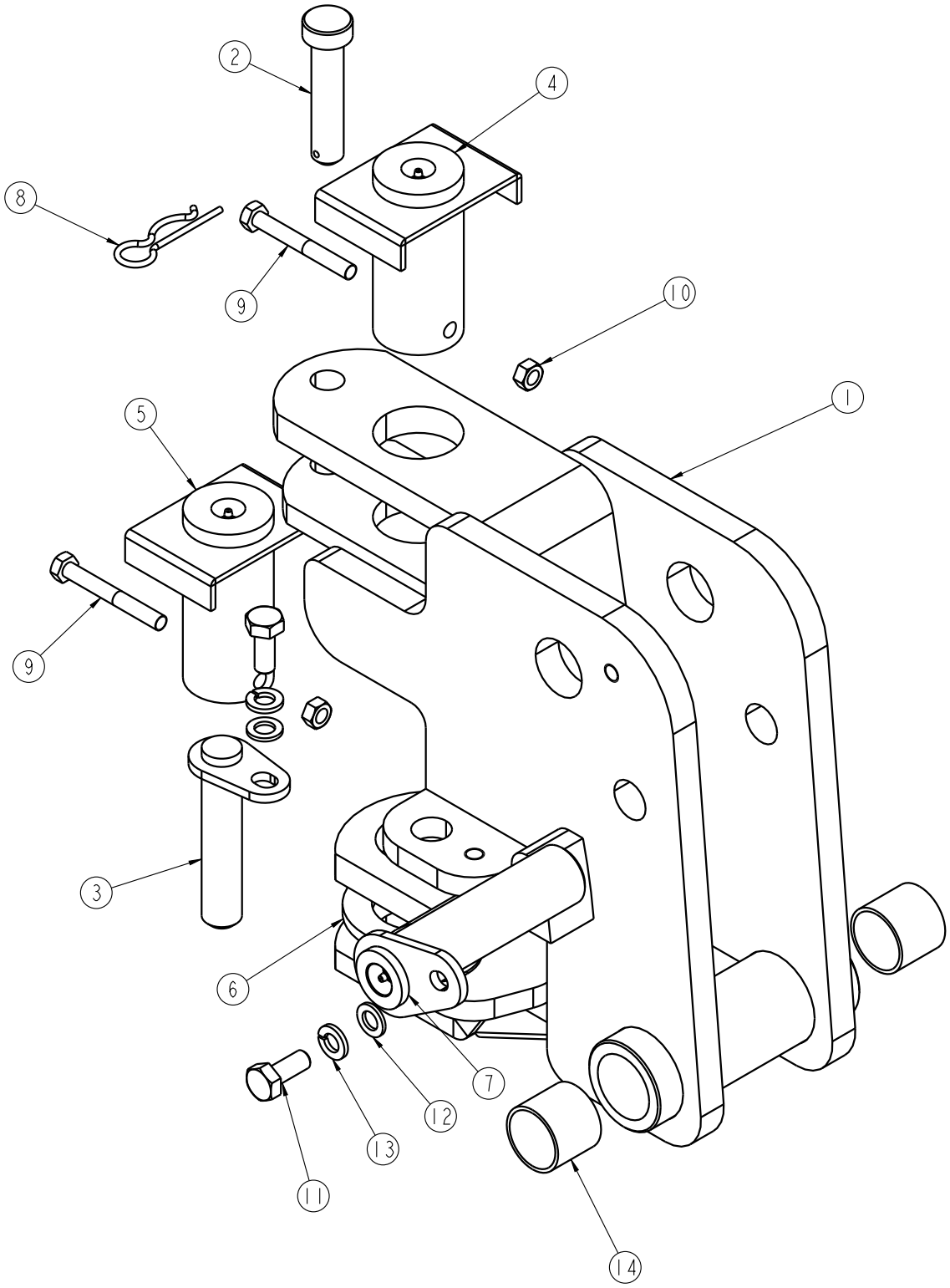
MOUNTING KIT
(P/N: BMK4400)



MOUNTING KIT
(P/N: BMK4400)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BMK4400-1100	FRAME_RH		1	
2	BMK4400-1200	FRAME_LH		1	
3	BMK4400-1400	CONNECTOR	12t	2	
4	BMK4400-1500	SUPPORTER		2	
5	BMK4400-1600	CONNECTOR	12t	2	
6	WS14M	SPRING WASHER	M14	4	
7	BH1466150Z	BOLT(10.9T)	M14x30Lx1.5P	4	
8	WS16M	SPRING WASHER	M16	40	
9	BH16B9200Z	BOLT(10.9T)	M16x55L	32	
10	BH16Y8200Z	BOLT(10.9T)	M16x170L	4	
11	NH16200Z	NUT	M16	36	
12	WS12M	SPRING WASHER	M12	8	
13	BH12G6175Z	BOLT(10.9T)	M12x80L	4	
14	NH12175Z	NUT	M12	4	
15	BH1216175Z	BOLT(10.9T)	M12x90L	4	
16	BMK4976A-1140	BUSHING	Ø25xØ17x39L	4	
17	BH16J8150Z	BOLT(10.9T)	M16x95Lx1.5P	4	
18	BMK4976A-2100	CROSS BAR		1	

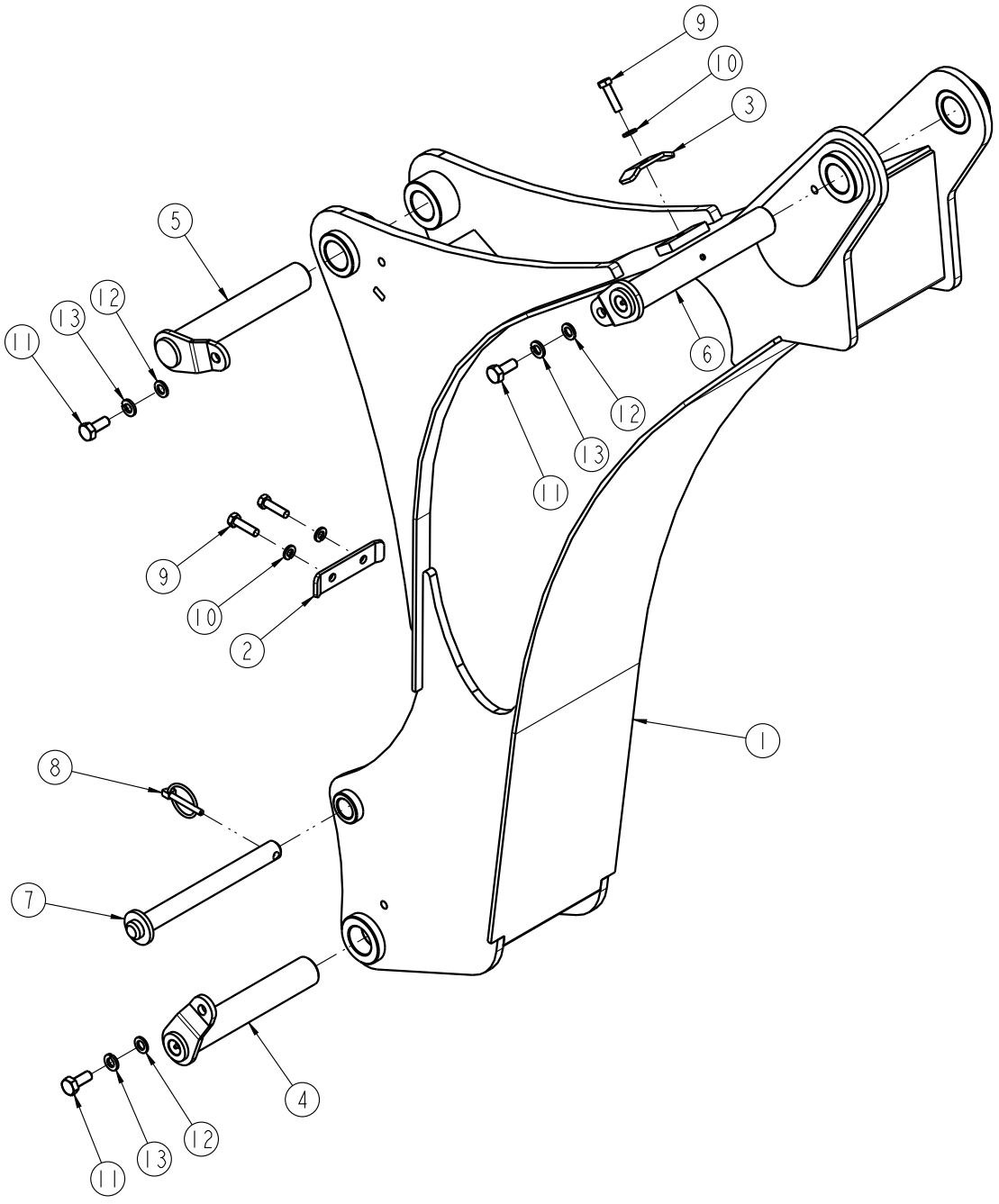
SWING FRAME ASSEMBLY



SWING FRAME ASSEMBLY
(P/N: BSF4976A)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BSF4976A-0000	SWING FRAME		1	
2	BSF40-0020	PIN	Ø25	1	
3	BSF40-1700	PIN		2	
4	BSF40-1900	PIN		1	
5	BSF40-190A	PIN		1	
6	BSF66A-1940	SHIM	6t	1	
7	P32B-1200	PIN	Ø32	1	
8	PR30045	R-PIN	Ø3	1	
9	BH08D6125Z	BOLT	M8x65L	2	
10	NL08125Z	LOCK NUT	M8	2	
11	BH1055150Z	BOLT(10.9T)	M10x25L	3	
12	WP10M	PLAIN WASHER	M10	3	
13	WS10M	SPRING WASHER	M10	3	
14	DB326N020	DU BUSH	Ø32xØ36x30L	2	
15	BSF40-1960	SHIM	1.6t	2	

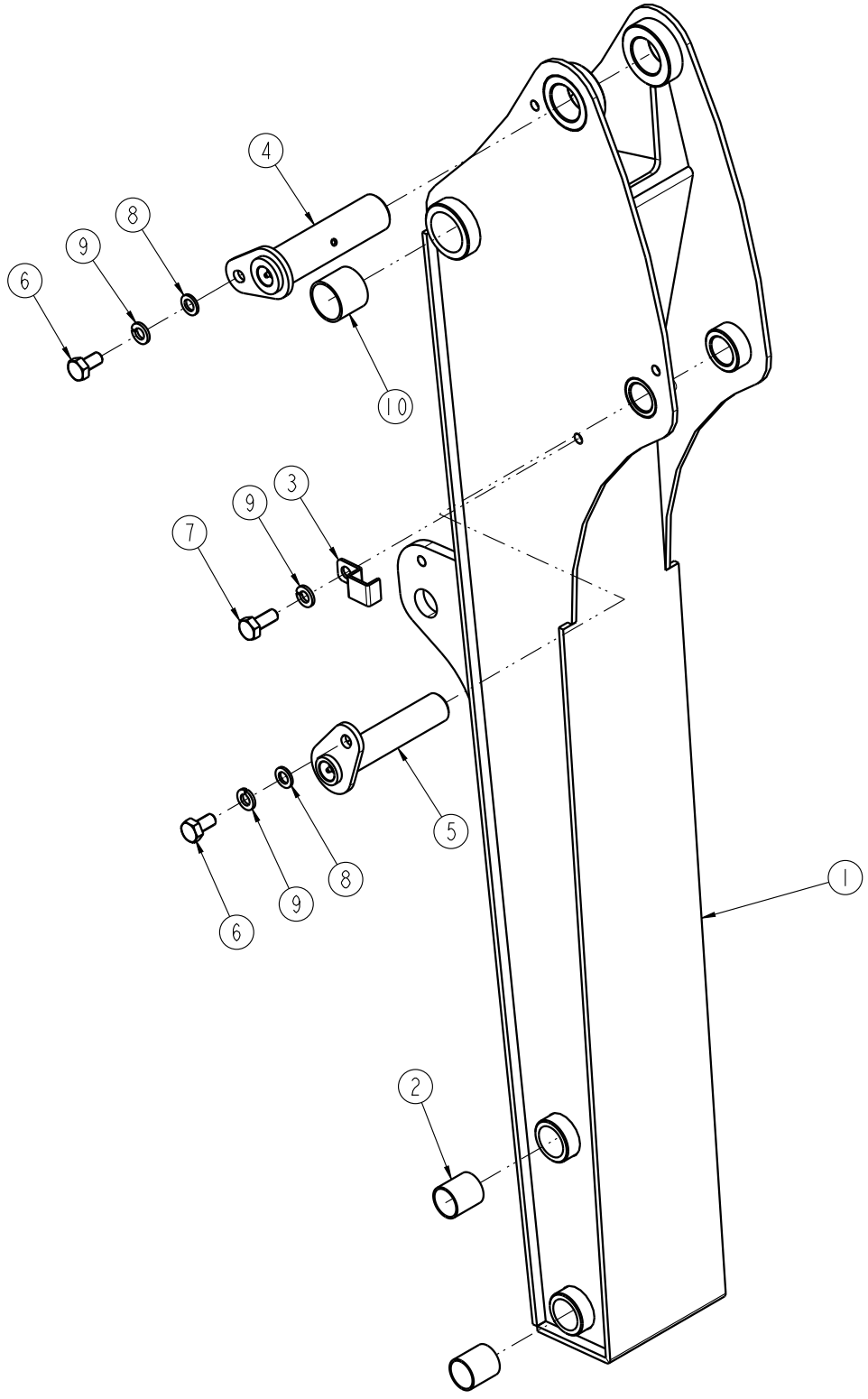
BOOM LOWER ASSEMBLY



BOOM LOWER ASSEMBLY
(P/N : BBL76C)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BBL76C-0000	BOOM-LOWER		1	
2	BBL66A-0010	HOSE CLAMP LOW	4t	1	
3	BBL66A-002A	HOSE CLAMP HIGH	4t	1	
4	P32A-1900	PIN		1	
5	P32D-1900	PIN		1	
6	P32A-2050	PIN		1	
7	BBL76C-5600	PIN		1	
8	AL20-98-9990	LINK PIN		1	
9	BH0866125Z	BOLT	M8x30L	3	
10	WS08M	SPRING WASHER	M8	3	
11	BH1055150Z	BOLT(10.9T)	M10x25L	3	
12	WP10M	PLAIN WASHER	M10	3	
13	WS10M	SPRING WASHER	M10	3	

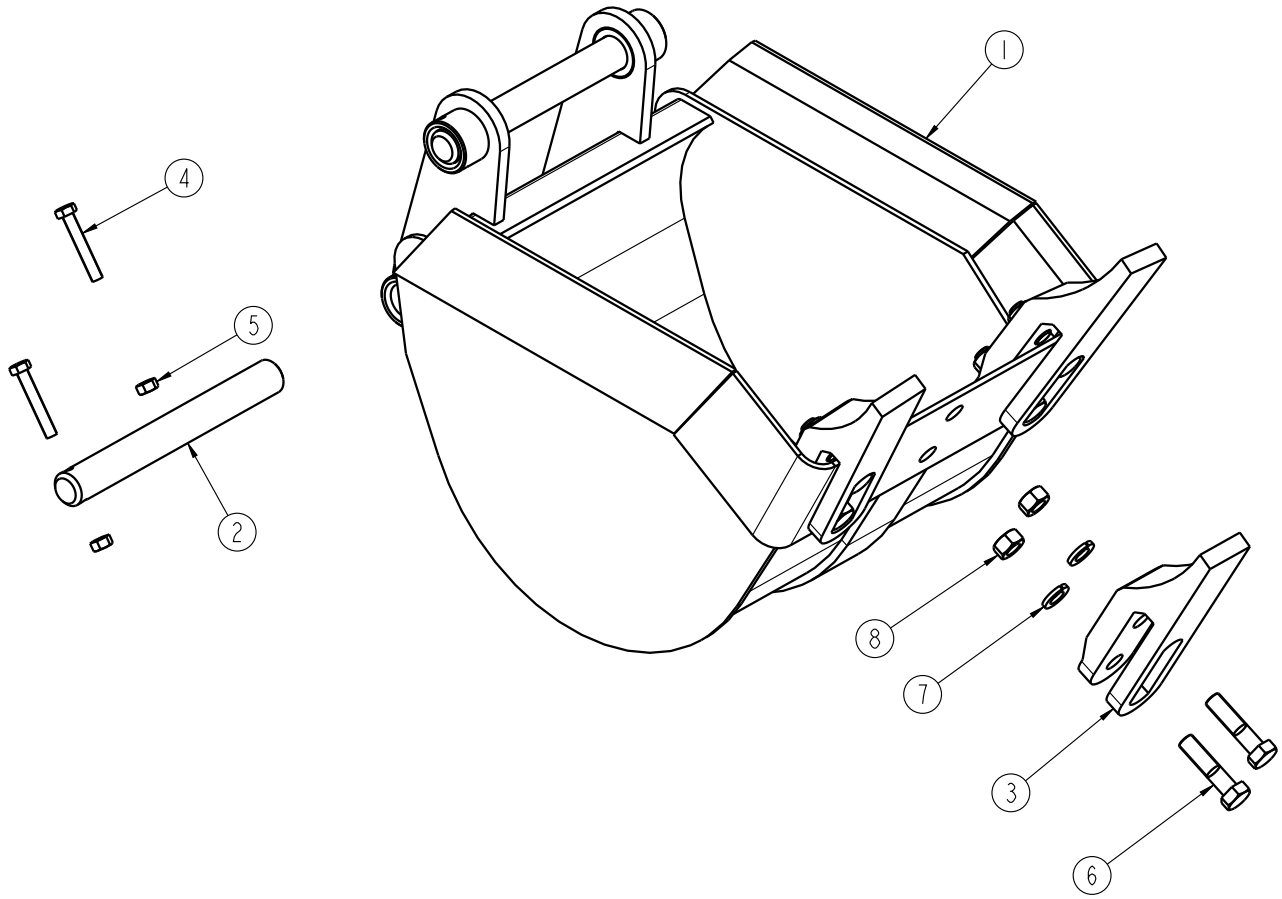
BOOM HIGH ASSEMBLY



BOOM HIGH ASSEMBLY
(P/N: BBH76C)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BBH76C-0000	BOOM-HI		1	
2	DB256N015	DU BUSH	Ø25xØ28x30L	4	
3	BBH76C-1080	HOLDER	2.3t	2	
4	P32B-1200	PIN	Ø32	1	
5	P25B-120A	PIN		1	
6	BH1044150Z	BOLT(10.9T)	M10x20L	2	
7	BH1055150Z	BOLT(10.9T)	M10x25L	2	
8	WP10M	PLAIN WASHER	M10	2	
9	WS10M	SPRING WASHER	M10	4	
10	DB326N020	DU BUSH	Ø32xØ36x30L	2	

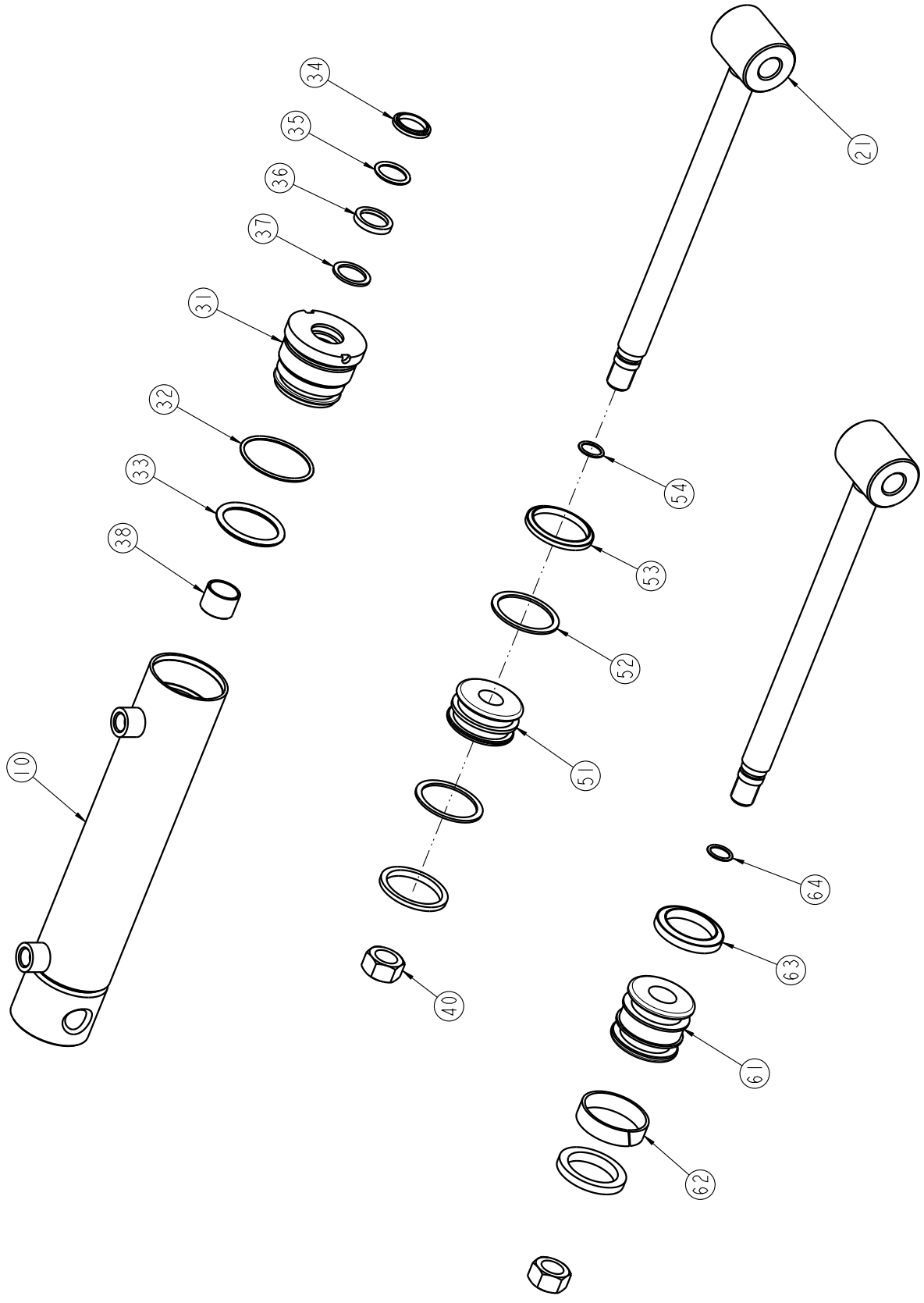
BUCKET ASSEMBLY



BUCKET ASSEMBLY
(P/N: BBK40B)

NO.	PART NUMBER	PART NAME	DESCRIPTION	Q'TY	REMARK
1	BBK40B-0000	BUCKET		1	13"HD
	BBK16C-0000			1	16"HD
2	BBK40B-0010	PIN	Ø25x217L	2	
3	ALN47-21-9000	TOOTH		3	13"HD
				4	16"HD
4	BH08AA125Z	BOLT(10.9T)	M8x50L	2	
5	NL08125Z	LOCK NUT	M8	2	
6	BH12A6175Z	BOLT(10.9T)	M12x50L	6	13"HD
				8	16"HD
7	WS12M	SPRING WASHER	M12	6	13"HD
				8	16"HD
8	NH12175Z	NUT	M12	6	13"HD
				8	16"HD

CYLINDER ASSEMBLY

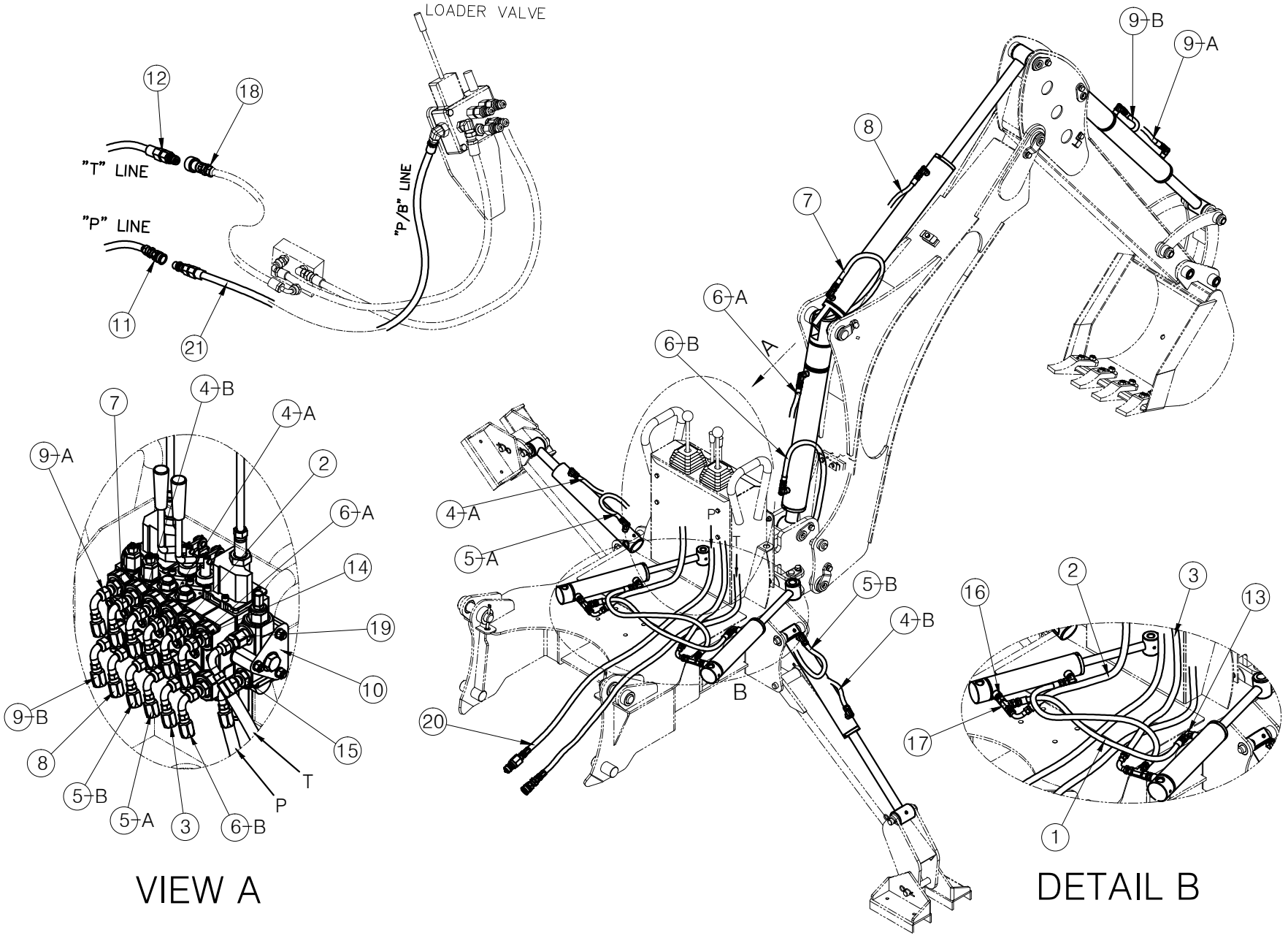


CYLINDER ASSEMBLY

NO.	PART NUMBER	PART NAME	Q'ty					REMARK
			BH76C-09-8100	BH76C-09-8300	C7600-09-8500	BH76C-09-9000	BK976-09-9500	
10	BH76C-09-8130	TUBE	1	-	-	-	-	
	BH76C-09-8330		-	1	-	-	-	
	C7600-09-8530		-	-	1	-	-	
	BH76C-09-9030		-	-	-	1	-	
	BK976-09-9530		-	-	-	-	1	
21	BH76C-09-8110	ROD	1	-	-	-	-	
	BH76C-09-8310		-	1	-	-	-	
	C7600-09-8510		-	-	1	-	-	
	BH76C-09-9010		-	-	-	1	-	
	BH66A-09-9510		-	-	-	-	1	
31	CR6530	COVER ROD	1	1	-	-	-	
	CR5030		-	-	1	1	-	
	CR6025		-	-	-	-	1	
32	1BG65	O-RING	1	1	-	-	-	
	1BG50		-	-	1	1	-	
	1BG60		-	-	-	-	1	
33	1BP55	O-RING	1	1	-	-	-	
	1BP44		-	-	1	1	-	
	1BP50A		-	-	-	-	1	
34	LBW 30x38x5/6.5	DUST SEAL	1	1	1	1	-	
	LBW 25x33x4.5/6		-	-	-	-	1	
35	1BP30	O-RING	1	1	1	1	-	
	1BP25		-	-	-	-	1	
36	BRWW 30x40x2	BACK UP RING	1	1	1	1	-	
	BRWW 25x33x2		-	-	-	-	1	
37	ISW 30x40x6	U-PACKING	1	1	1	1	-	
	ISW 25x33x5		-	-	-	-	1	
38	DU3020	DU BUSH	1	1	1	1	-	
	DU2520		-	-	-	-	1	
40	CY-M20	NUT	1	1	-	1	1	M20
	CY-M16		-	-	1	-	-	M16
51	PI5025	PISTON	-	-	1	-	-	
	PI6025		-	-	-	-	1	
52	BRWW 40x50x2	BACK UP RING	-	-	2	-	-	
	BRWW 50x60x2		-	-	-	-	2	
53	OSW 50x40x6	U-PACKING	-	-	2	-	-	
	OSW 60x50x6		-	-	-	-	2	
54	1BP16	O-RING	-	-	1	-	-	
	1BP18		-	-	-	-	1	
61	PI6530-W	PISTON	1	1	-	-	-	
	PI5030-W		-	-	-	1	-	
62	WRW 65x60x15	WEAR-RING	1	1	-	-	-	
	WRW 50x45x15		-	-	-	1	-	
63	OSW 65x50x9	U-PACKING	2	2	-	-	-	
	OSW 50x35x9		-	-	-	2	-	
64	1BP18	O-RING	1	1	-	1	-	

BK976, BH4979

HYDRAULIC PARTS



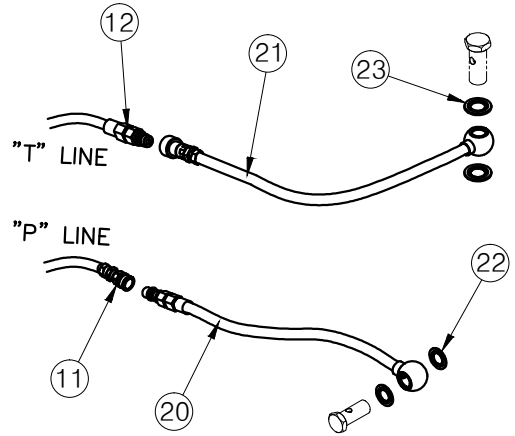
BK976-HP-D01

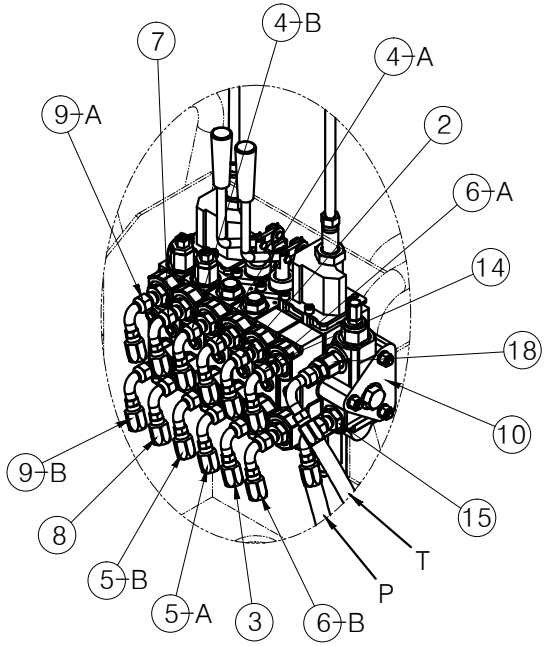
HYDRAULIC PARTS

NO.	PART NAME	PART NUMBER	Q'TY	REMARK
1	HOSE	1P41-0530	2	
2	HOSE	1P41-1730	1	
3	HOSE	1P41-1740	1	
4	HOSE	1P41-1690	2	
5	HOSE	1P41-1870	2	
6	HOSE	1P41-1830	2	
7	HOSE	1P41-1840	1	
8	HOSE	1P41-1850	1	
9	HOSE	1P41-1800	2	
10	CONTROL VALVE	SDS100/6/CNITVG3	1	
11	Q-COUPLING(F)	ALK28-07-7100	2	
12	Q-COUPLING(M)	ALK28-07-7200	2	
13	ELBOW NIPPLE	ALK 28-07-9500	6	
14	O-RING NIPPLE	BH860-07-0010	12	
15	O-RING NIPPLE	BH860-07-0020	2	
16	NIPPLE	BH760-07-0070	2	
17	TEE NIPPLE	BH760-07-0030	2	
18	NIPPLE	AL35-07-7820	1	
19	CHECK CARTRIDGE	X059700108-K	1	
20	HOSE	3P81-2060	2	
21	HOSE	3P81-1260	1	

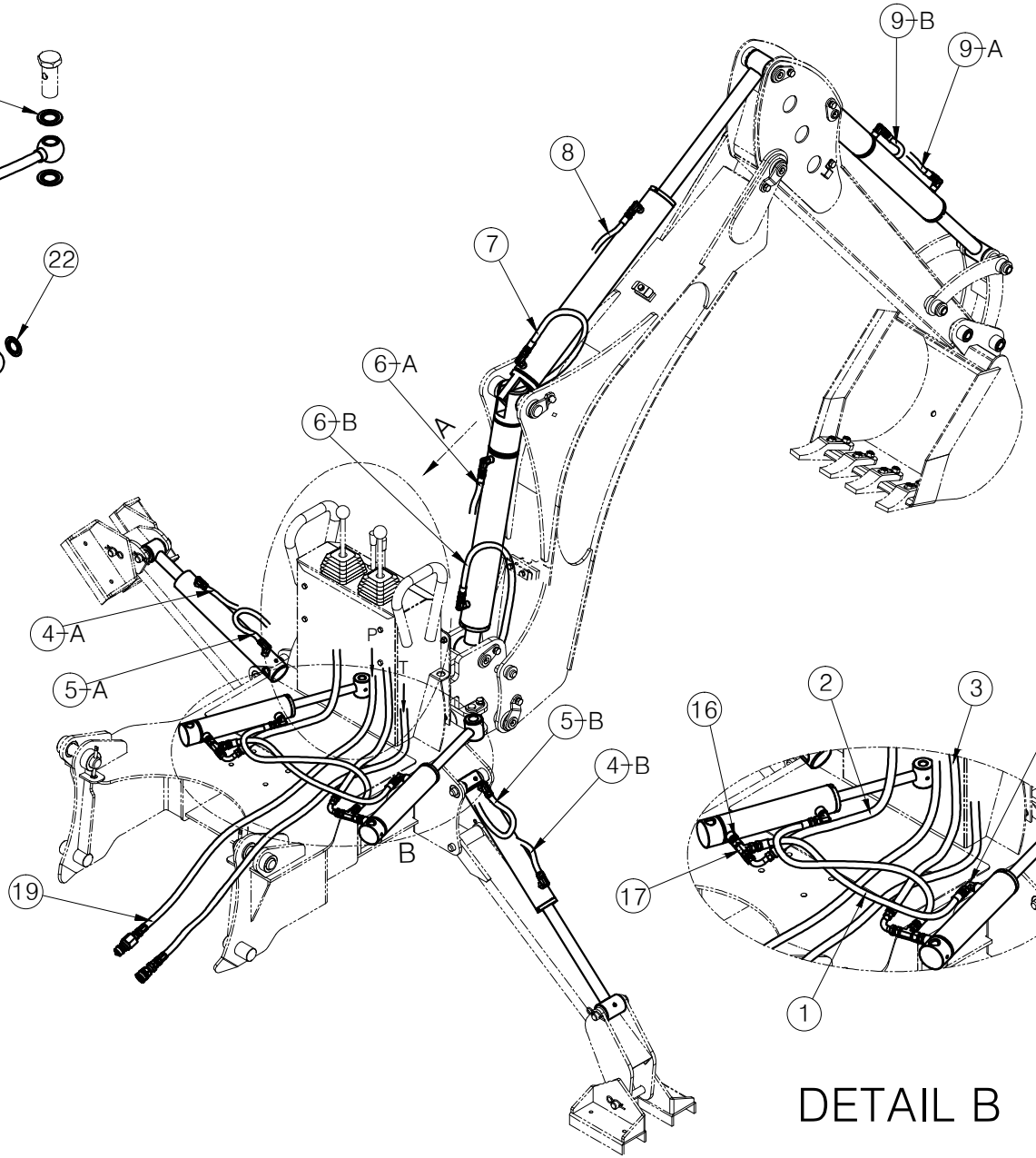
BK996

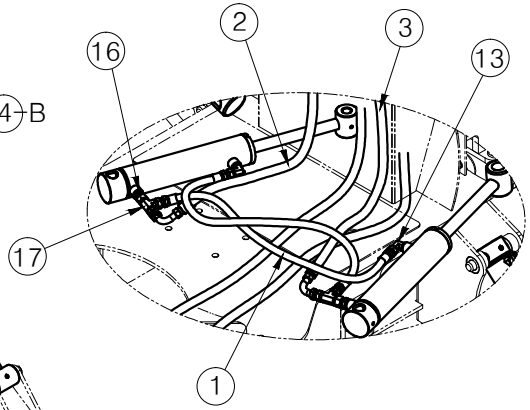
HYDRAULIC PARTS





VIEW A





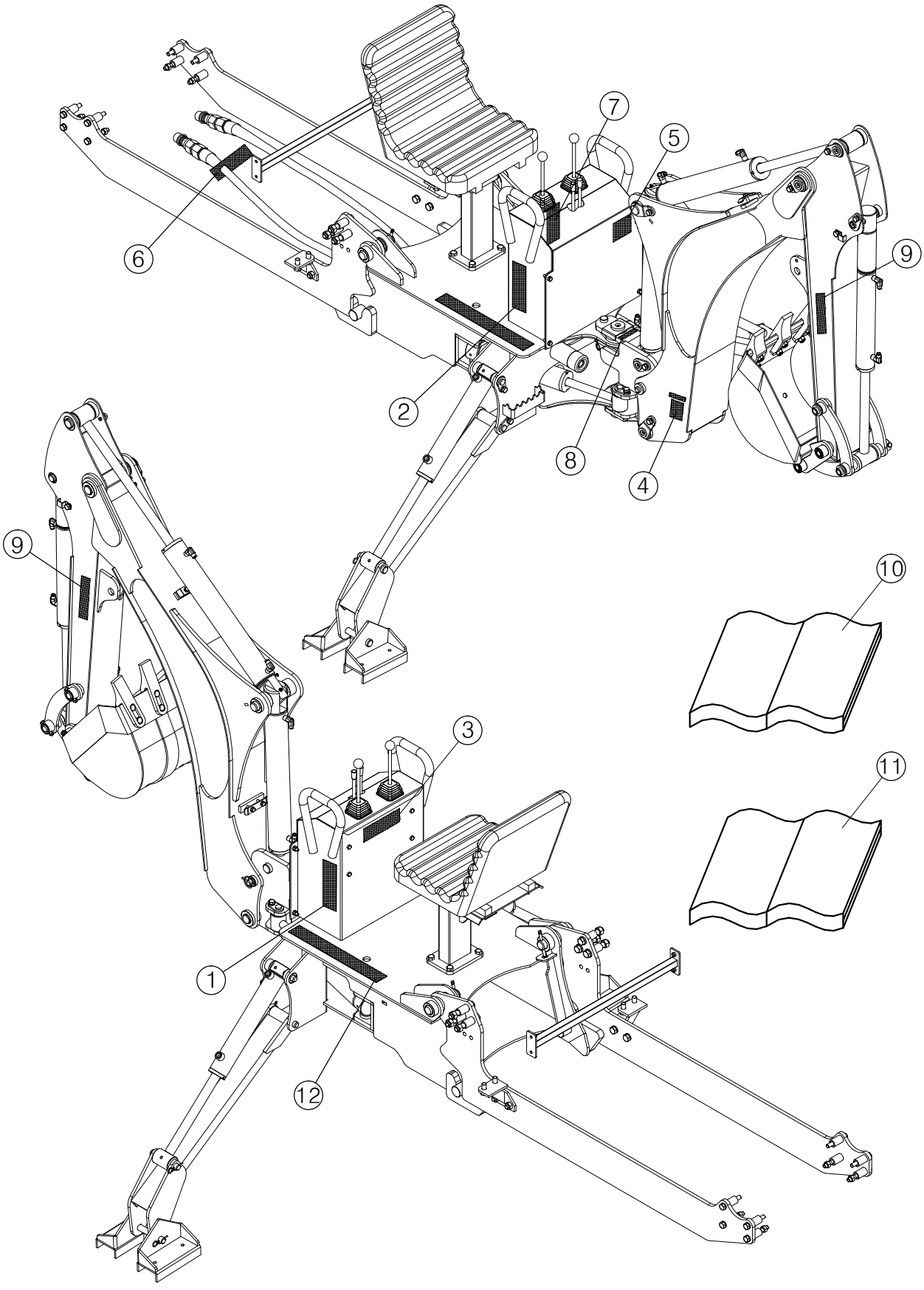
DETAIL B

BK996-HP-D01

HYDRAULIC PARTS

NO.	PART NAME	PART NUMBER	Q'TY	REMARK
1	HOSE	1P41-0530	2	
2	HOSE	1P41-1730	1	
3	HOSE	1P41-1740	1	
4	HOSE	1P41-1690	2	
5	HOSE	1P41-1870	2	
6	HOSE	1P41-1830	2	
7	HOSE	1P41-1840	1	
8	HOSE	1P41-1850	1	
9	HOSE	1P41-1800	2	
10	CONTROL VALVE	SDS100/6/CNITVG3	1	
11	Q-COUPLING(F)	ALK28-07-7100	2	
12	Q-COUPLING(M)	ALK28-07-7200	2	
13	ELBOW NIPPLE	ALK 28-07-9500	6	
14	O-RING NIPPLE	BH860-07-0010	12	
15	O-RING NIPPLE	BH860-07-0020	2	
16	NIPPLE	BH760-07-0070	2	
17	TEE NIPPLE	BH760-07-0030	2	
18	CHECK CARTRIDGE	X059700108-K	1	
19	HOSE	3P81-2060	2	
20	HOSE	3P81-1270	1	
21	HOSE	3P81-1280	1	
22	COPPER WASHER	BH760-07-004A	2	
23	COPPER WASHER	WC17K	2	

DECAL & MANUAL



DECAL & MANUAL

NO.	PART NAME	PART NUMBER	Q'TY	REMARK
1	DECAL	B5001	1	
2	DECAL	B5002	1	
3	DECAL	B5003	1	
4	DECAL	B5004	1	
5	DECAL	B5005	1	
6	DECAL	B5006	1	
7	DECAL	B5007	1	
8	DECAL	B5008	3	
9	DECAL	B5014	2	"BK976"
		B5015	2	"BK996"
		B5016	2	"BH4979"
10	OPERATOR'S MANUAL	M06B01	1	
11	PARTS MANUAL	BK976-PM-01	1	
12	Non-Slip Tape	Non-Slip Tape	2	