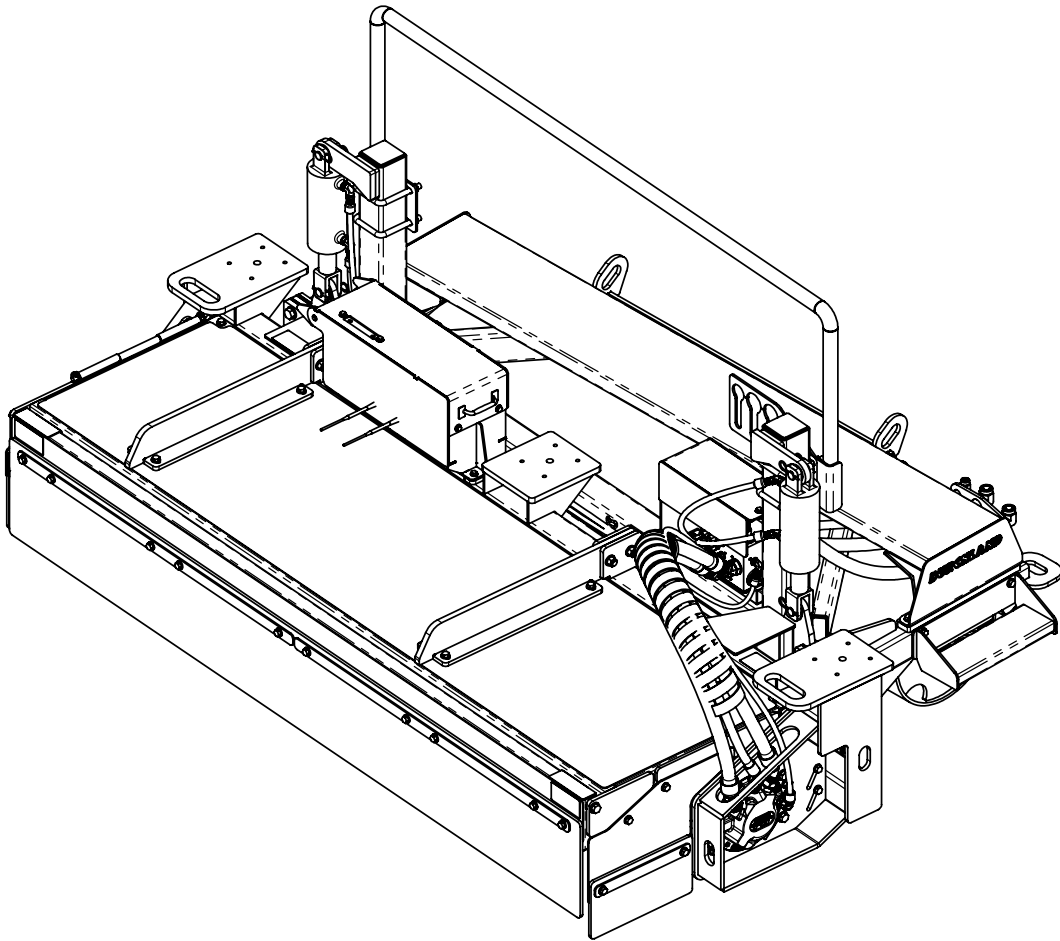


BURCHLAND

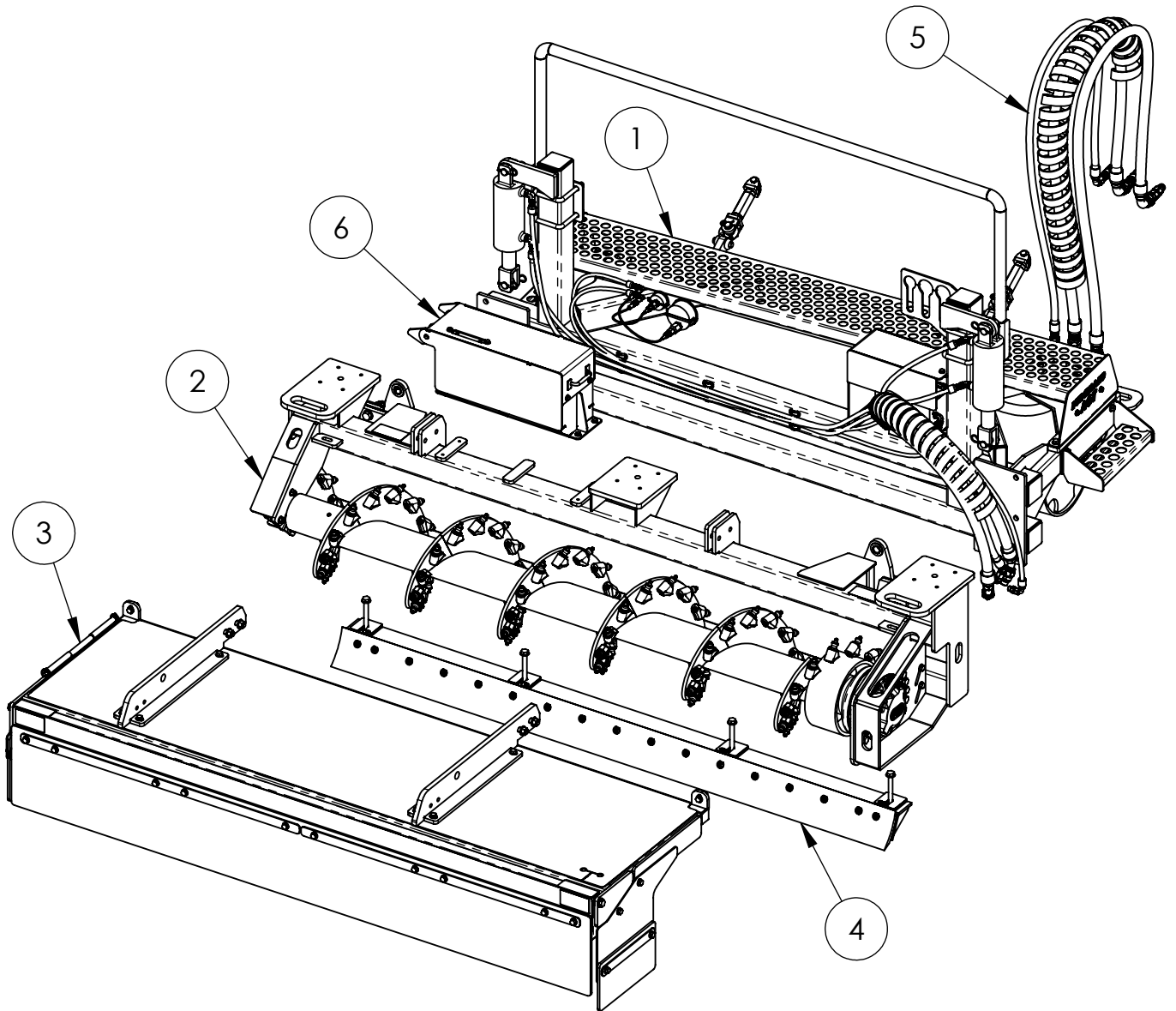
AGT

AUTO GRADING TRIMMER



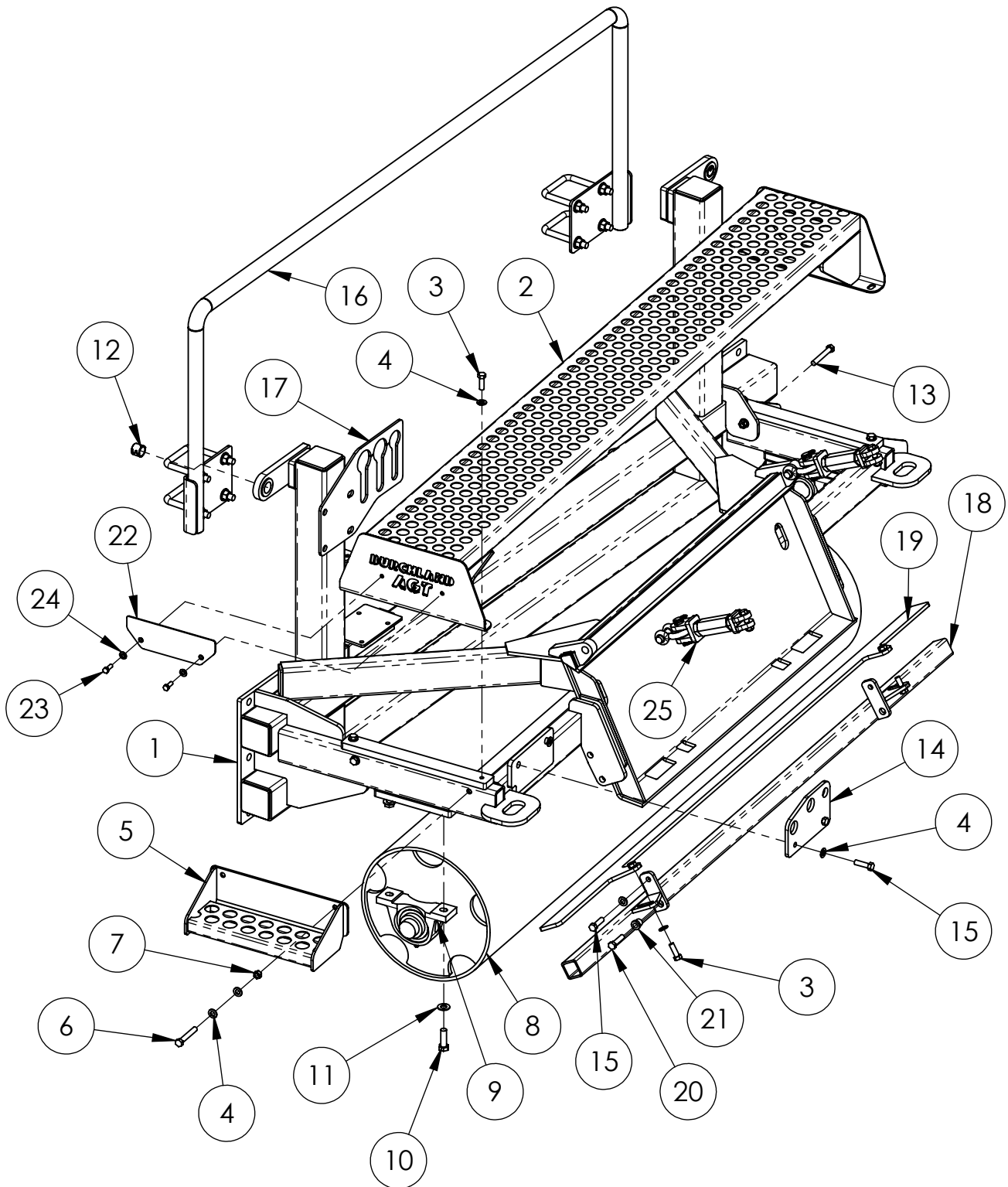
PARTS BOOK

AUTO GRADING TRIMMER 14475



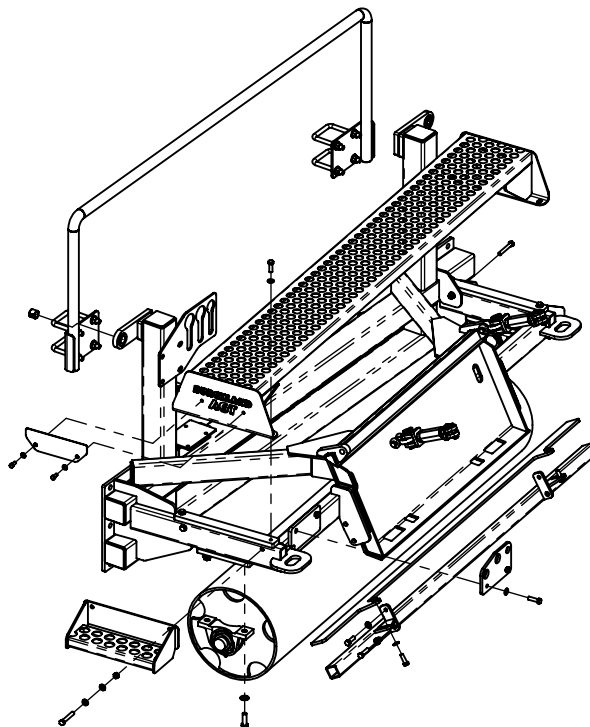
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14627	FRAME, DRUM, STEP ASSY	1
2	14531	TRIMMER HEAD ASSY 4	1
3	14628	DRUM COVER ASSY	1
4	14629	GRADER MOUNT BLADE	1
5	14623	HYD FITING, HOSE ASSY	1
6	15176	SENSORS BOX ASSY	1

ROLLER FRAME ASSEMBLY **14627**

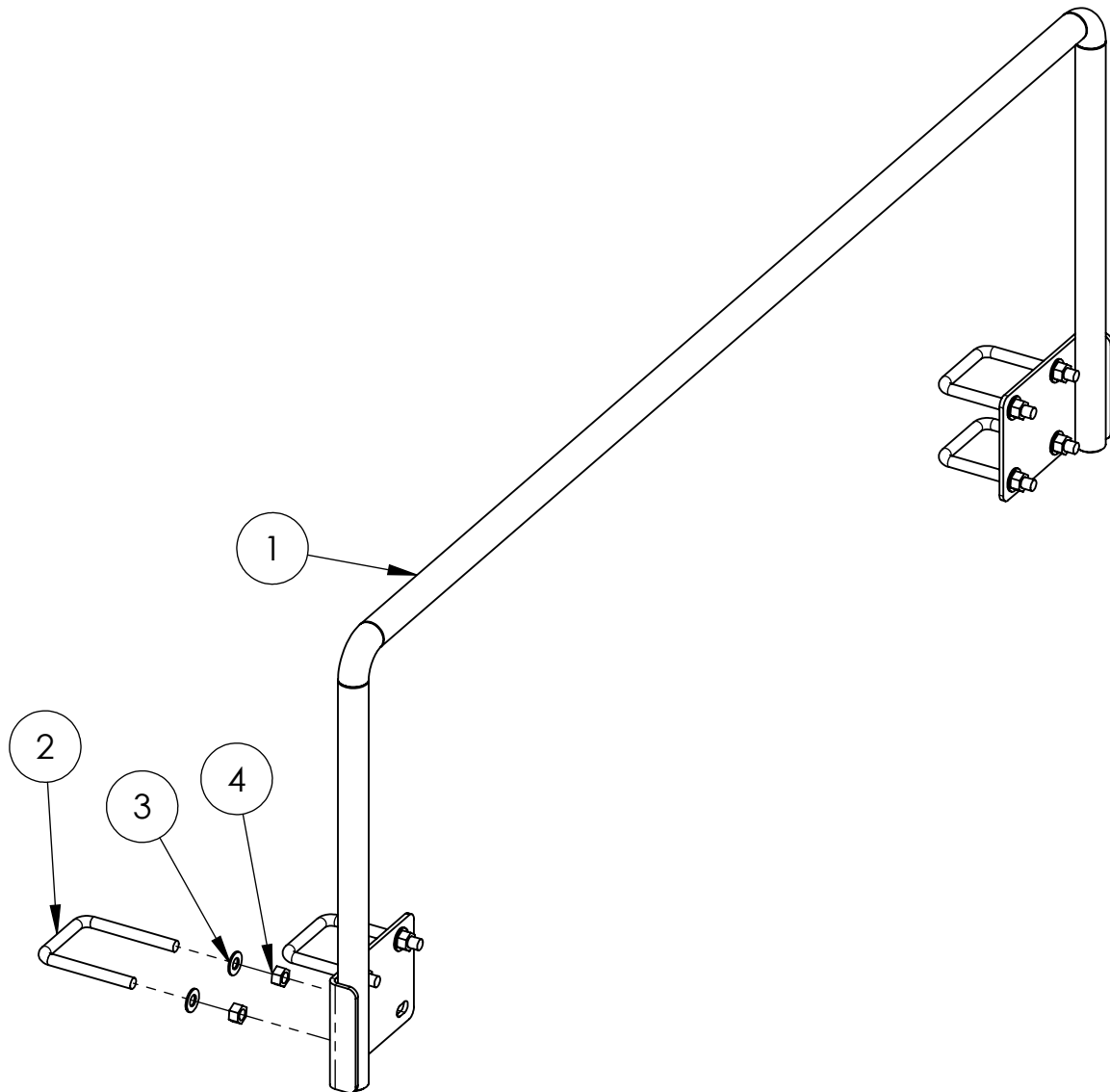


ROLLER FRAME ASSEMBLY 14627

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14476	FRAME, TRIMMER DRUM	1
2	14500	CATWALK, TRIMMER	1
3	10394	BOLT, 1/2-13 X 1.50 GR8 ZY	6
4	10062	WASHER, 1/2 SAE GR8 ZY	18
5	14501	STEP, TRIMMER SIDE	2
6	14651	BOLT, 1/2-13 X 3.25 GR8 ZY	3
7	10396	NUT, 1/2-13, SLTL GR8 ZY	4
8	14530	DRUM WELDMENT	1
9	14616	BEARING, 2" ID, 2 BOLT	2
10	10886	BOLT, 5/8-11 X 2.0 GR8 ZY	4
11	10104	WASHER, 5/8 GR8 ZY	4
12	14652	BUSHING, SPRING 1" ID	2
13	14872	BOLT, 1/2-13 X 3.5 GR8 ZY	1
14	14659	PLATE, HYD BULKHEAD	1
15	10435	BOLT - 1/2-13 X 1.75 GR8 ZY	4
16	14837	TRIMMER RAILING ASSY	1
17	15423	PLATE, HYD BULKHEAD	1
18	16050	SCRAPER MOUNT WELD	1
19	16051	SCRAPER, TRIMMER	1
20	10946	BOLT - 1/2-13 X 2.00 GR8 ZY	2
21	10393	BUSHING - SPRING PIVOT	2
22	16346	AGT LETTER BACKING	2
23	10112	BOLT, 3/8-16 X 1 GR8 ZY	4
24	10110	WASHER, 3/8 SAE GR8 ZY	4
25	16297	TURNBUCKLE, TILT LOCK	2

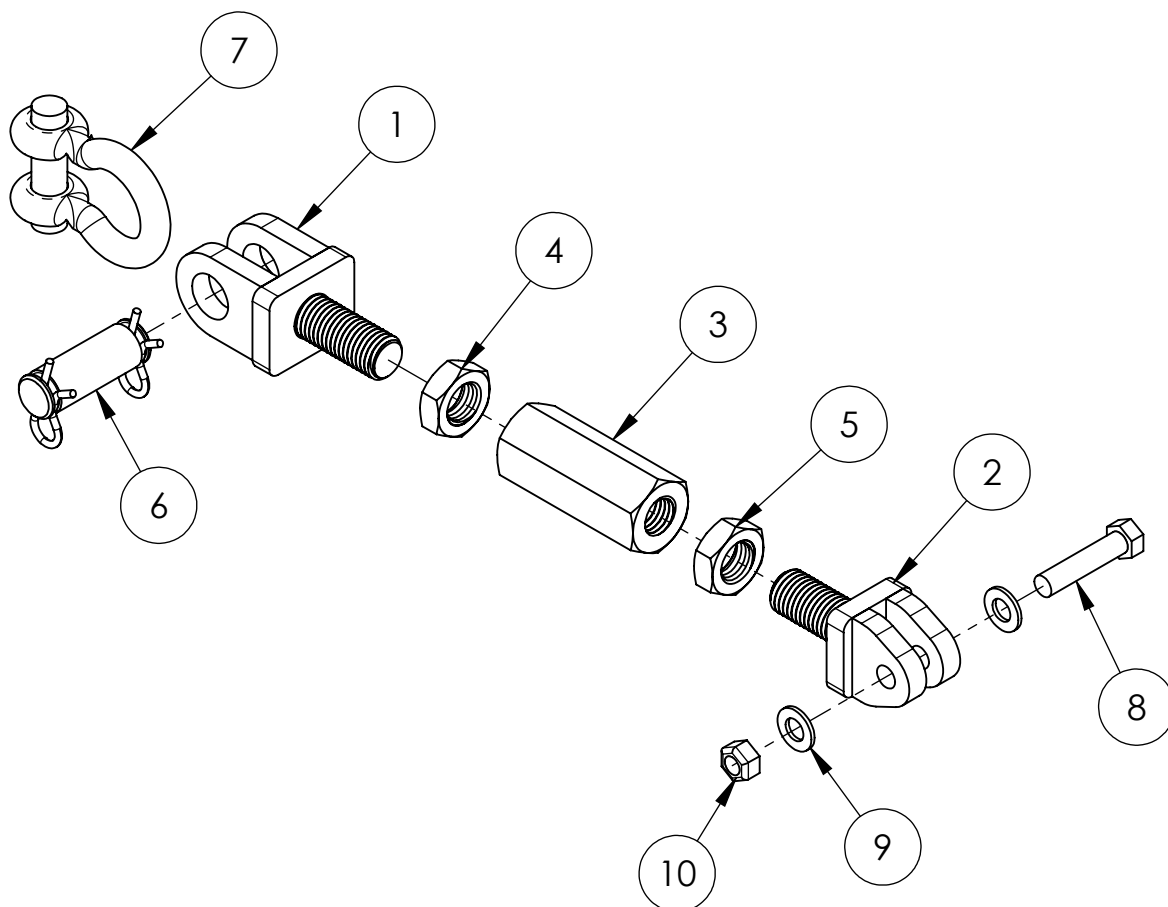


RAILING ASSEMBLY 14837



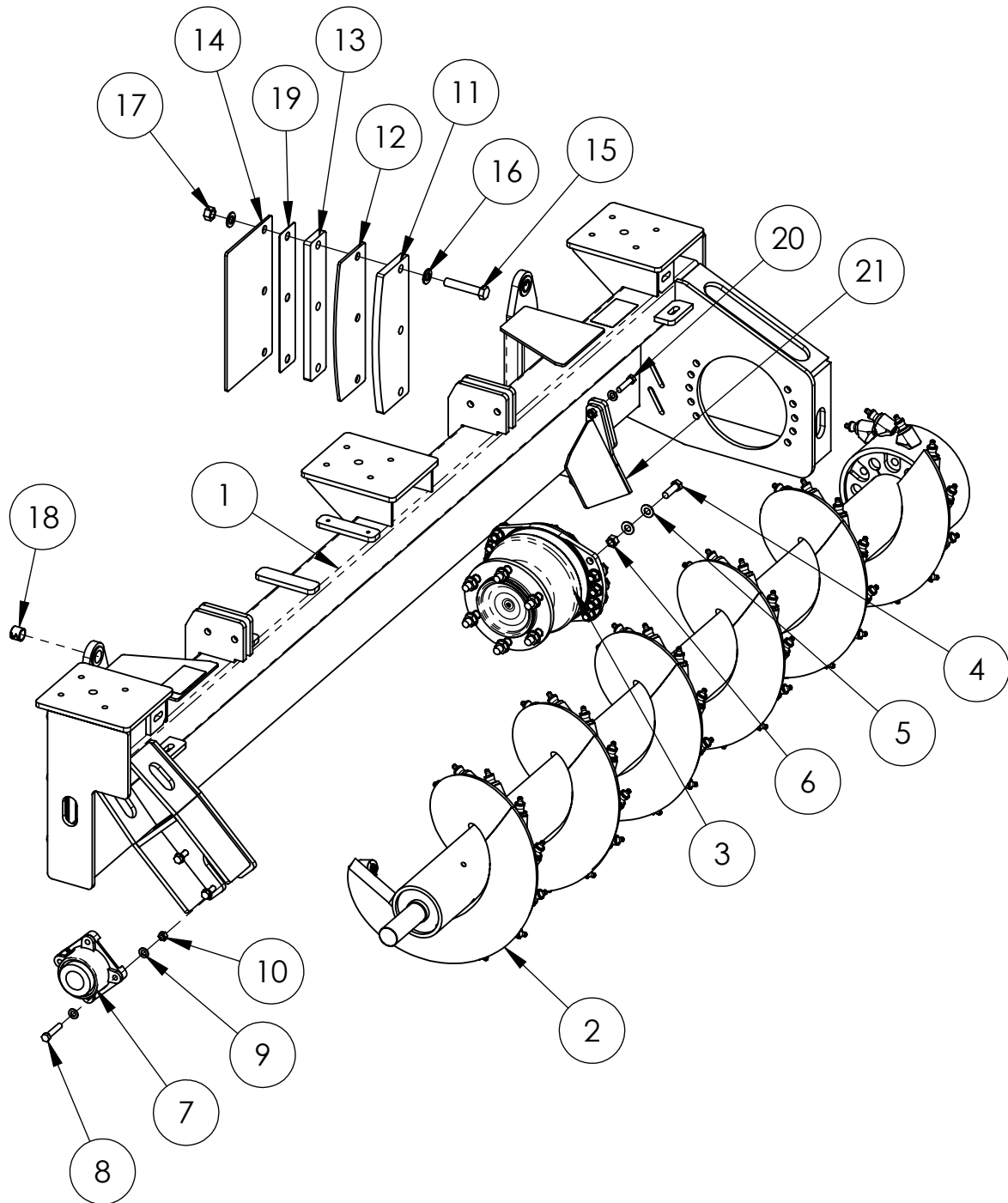
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14833	TRIMMER RAILING WELDMENT	1
2	11370	U-BOLT, 5/8 X 4 X 5.5	4
3	10104	WASHER, 5/8 GR8 ZY	8
4	11122	NUT, 5/8-11 SLTL GR8 ZY	8

TURNBUCKLE, TILT LOCK 16297



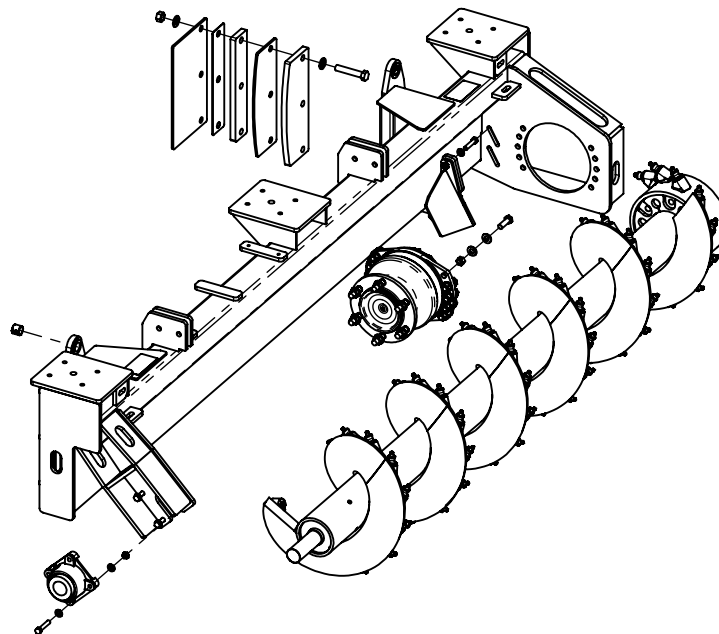
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	16298	TURNBUCKLE CLEVIS, RH	1
2	16299	TURNBUCKLE CLEVIS, LH	1
3	16305	STANDOFF, 1"-8, HEX L-R	1
4	15666	NUT, 1"-8, GR2 ZC JAM, RH	1
5	16369	NUT, 1"-8, GR2 ZC JAM, LH	1
6	15671	PIN, 1" X 3" ZC	1
7	16306	CLEVIS, 5/8" THICK, 3/4" PIN	1
8	10397	BOLT, 1/2-13 X 2.25 GR8 ZY	1
9	10062	WASHER, 1/2 SAE GR8 ZY	2
10	10396	NUT, 1/2-13, SLTL GR8 ZY	1

TRIMMER AUGER ASSEMBLY 14531

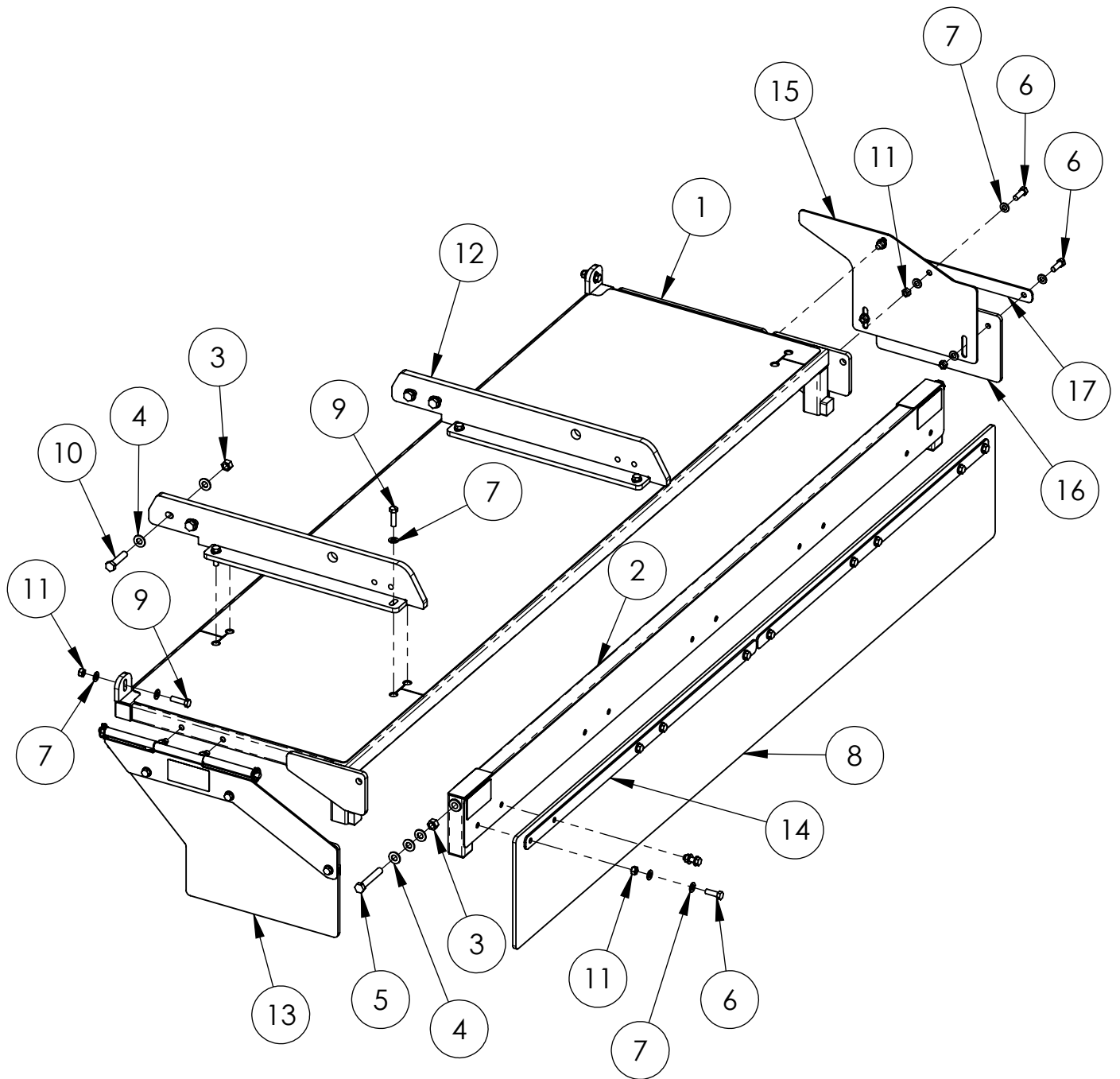


TRIMMER AUGER ASSEMBLY 14531

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14532	TRIMMER HEAD FRAME 5	1
2	14433	ROTOR AGT TRIMMER	1
3	14554	HYD. MOTOR, 38.26 CID	1
4	10886	BOLT, 5/8-11 X 2.0 GR8 ZY	10
5	10104	WASHER, 5/8 GR8 ZY	20
6	11122	NUT, 5/8-11 SLTL GR8 ZY	10
7	14555	BEARING, 2.0 TAPERED, 4-BOLT HOUSING	1
8	14871	BOLT, 1/2-13 X 2.5 GR8 ZY	4
9	10062	WASHER, 1/2 SAE GR8 ZY	10
10	10396	NUT, 1/2-13, SLTL GR8 ZY	4
11	15398	PLATE, TRIMMER HEAD CATCH	2
12	14598	PLATE, WEAR STRIP	2
13	14594	PLATE, ROTOR MOUNT PIVOT	2
14	14593	WEAR BAR STRIP	2
15	14632	BOLT, 3/4-10 X 4.0 GR8 ZY	6
16	10107	WASHER, 3/4 GR8 ZY	12
17	12260	NUT - 3/4-16 HEX LOCK GR8 ZY	6
18	14652	BUSHING, SPRING 1" ID	2
19	14824	PLATE, ROTOR MOUNT PIVOT	2
20	10397	BOLT, 1/2-13 X 2.25 GR8 ZY	2
21	15130	ANGLE GRADER BLADE WELD	1

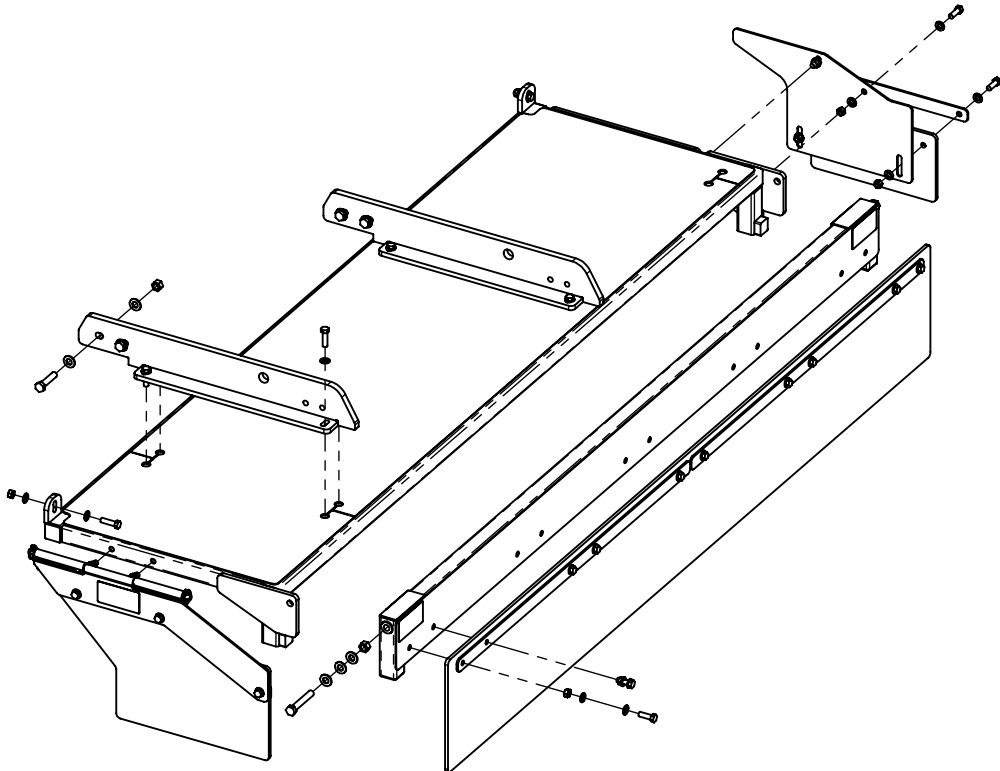


AUGER COVER 14628

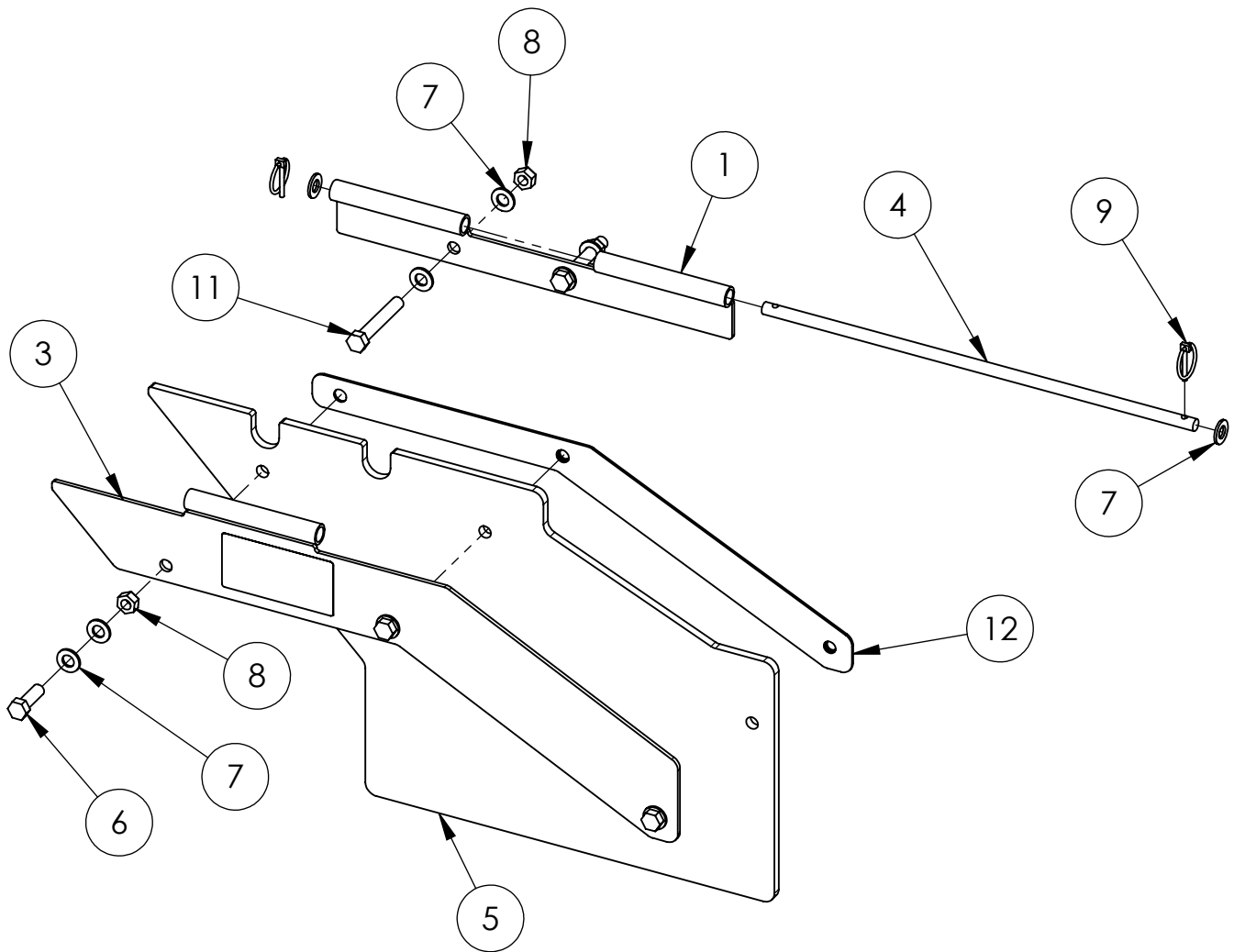


AUGER COVER 14628

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14562	DRUM COVER	1
2	14466	FRONT COVER WELD	1
3	11122	NUT, 5/8-11 SLTL GR8 ZY	6
4	10104	WASHER, 5/8 GR8 ZY	14
5	13782	BOLT, 5/8 X 4 GR8 ZY	2
6	10394	BOLT, 1/2-13 X 1.50 GR8 ZY	14
7	10062	WASHER, 1/2 SAE GR8 ZY	40
8	14578	RUBBER SAFETY FLAP FRONT	1
9	10435	BOLT - 1/2-13 X 1.75 GR8 ZY	10
10	11123	BOLT, 5/8-11 X 2.75 GR8 ZY	4
11	10396	NUT, 1/2-13, SLTL GR8 ZY	16
12	14927	COVER SUPPORT WELD	2
13	15121	SAFETY FLAP ASSY RIGHT	1
14	15731	PLATE, COVER WASHER	2
15	15732	PLATE, LEFT COVER	1
16	15733	RUBBER SAFETY FLAP LEFT	1
17	15734	PLATE, COVER WASHER	1

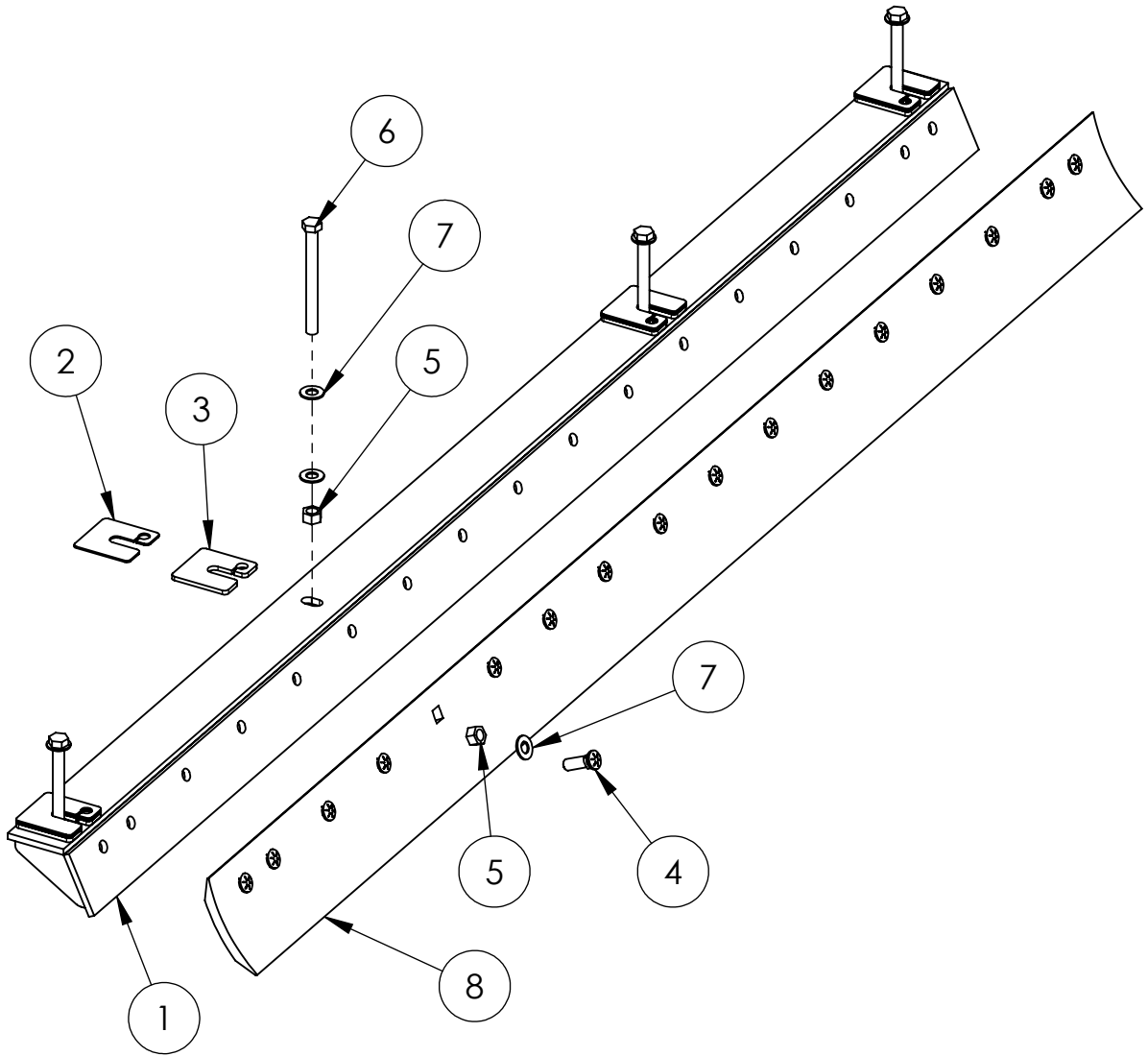


DISCHARGE COVER ASSEMBLY 15121



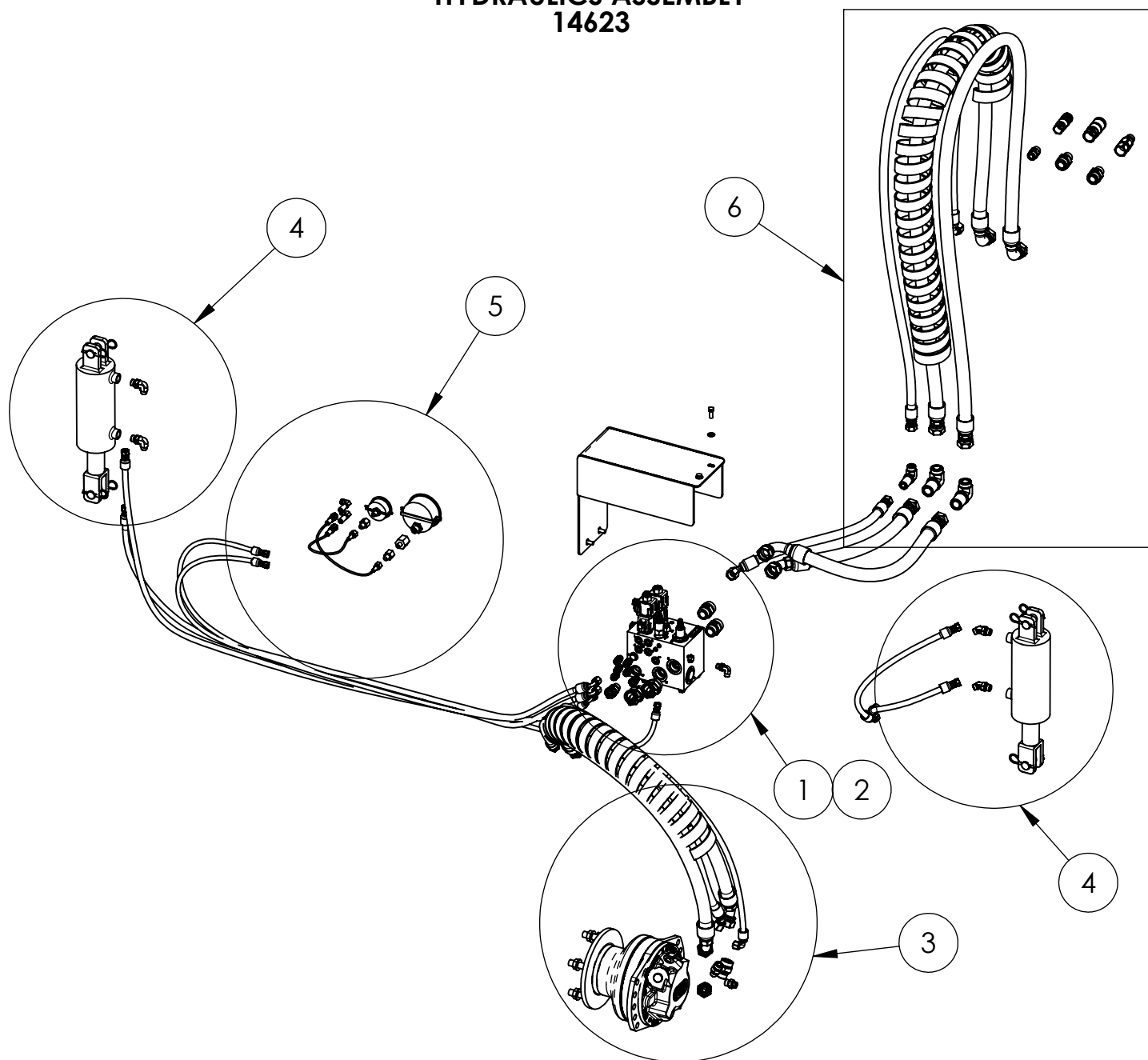
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	15122	HINGE WELD BASE	1
2	15123	HINGE WELD PIVOT	1
3	15125	BAR, FLAP HINGE	1
4	15128	PLATE, GUARD FLAP RIGHT	1
5	10394	BOLT, 1/2-13 X 1.50 GR8 ZY	2
6	10062	WASHER, 1/2 SAE GR8 ZY	10
7	10396	NUT, 1/2-13, SLTL GR8 ZY	4
8	10124	LYNCHPIN, 3/16	2
9	14651	BOLT, 1/2-13 X 3.25 GR8 ZY	2
10	15397	PLATE, RUBBER FLAP WASHER	1

GRADER BLADE ASSEMBLY 14629



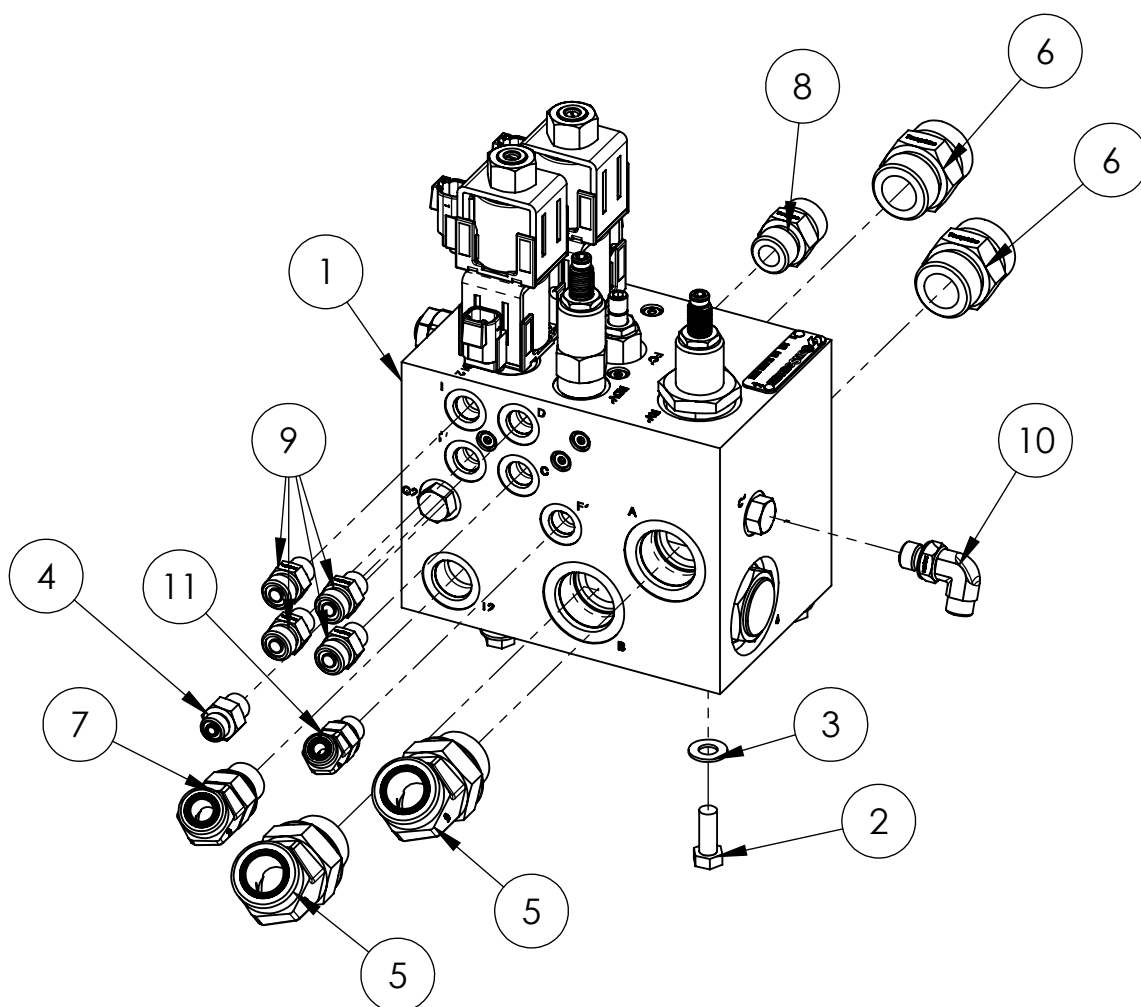
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14589	GRADER MOUNT BRACKET	1
2	14334	PLATE, GRADER SPACER .105	8
3	13927	PLATE, GRADER SPACER .25	4
4	14469	PLOW BOLT, 5/8-11 X 2.0 G8	17
5	11122	NUT, 5/8-11 SLTL GR8 ZY	21
6	14820	BOLT, 5/8-11 X 6.5 GR8 ZY	4
7	10104	WASHER, 5/8 GR8 ZY	25
8	14553	GRADER BLADE	1

HYDRAULICS ASSEMBLY 14623



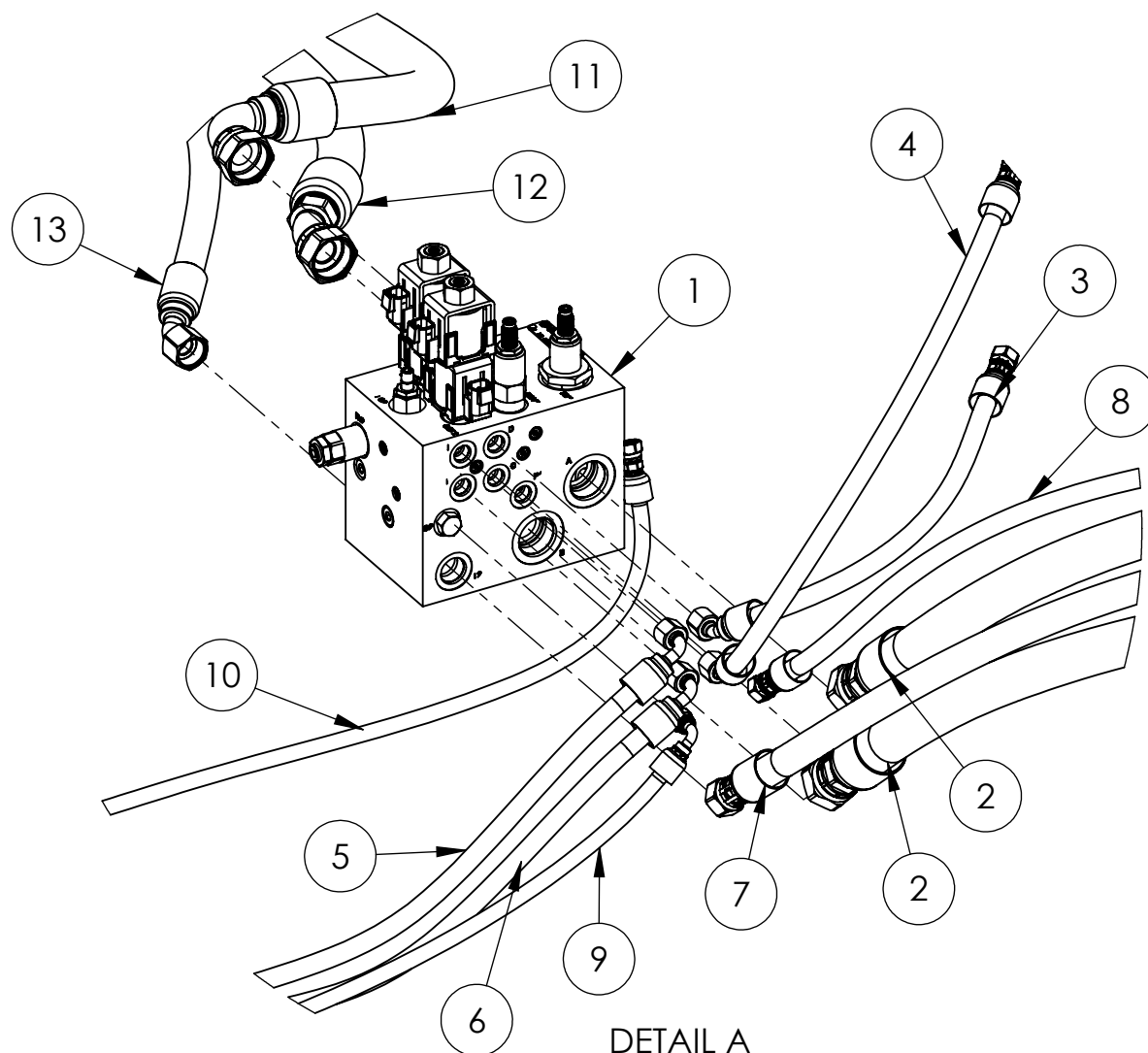
ITEM NO.	DESCRIPTION	PAGE NO.
1	VALVE FITTINGS	12
2	VALVE HOSES	13
3	MOTOR	14
4	CYLINDERS	15
5	GUAGES	16
6	HOOK-UP HOSES	17
7	HOSE ROUTING	18
8	ROUTING DIAGRAM	19

HYDRAULICS ASSEMBLY VALVE FITTINGS 14623



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14599	HYDRAULIC VALVE	1
2	10112	BOLT, 3/8-16 X 1 GR8 ZY	4
3	10110	WASHER, 3/8 SAE GR8 ZY	4
4	12759	FITTING, 4M ORFS X 6M ORB ST	1
5	14617	FITTING, 16M ORFS X 16M ORB 45	2
6	14618	FITTING, 16M ORFS X 16M ORB ST	2
7	14619	FITTING, 10M ORFS X 10M ORB 45	1
8	14620	FITTING, 10M ORFS X 10M ORB ST	1
9	14621	FITTING, 6M ORFS X 6M ORB ST	4
10	13323	FITTING, 4M ORFS X 6M ORB 90	1
11	14624	FITTING, 6M ORFS X 6M ORB 45	1

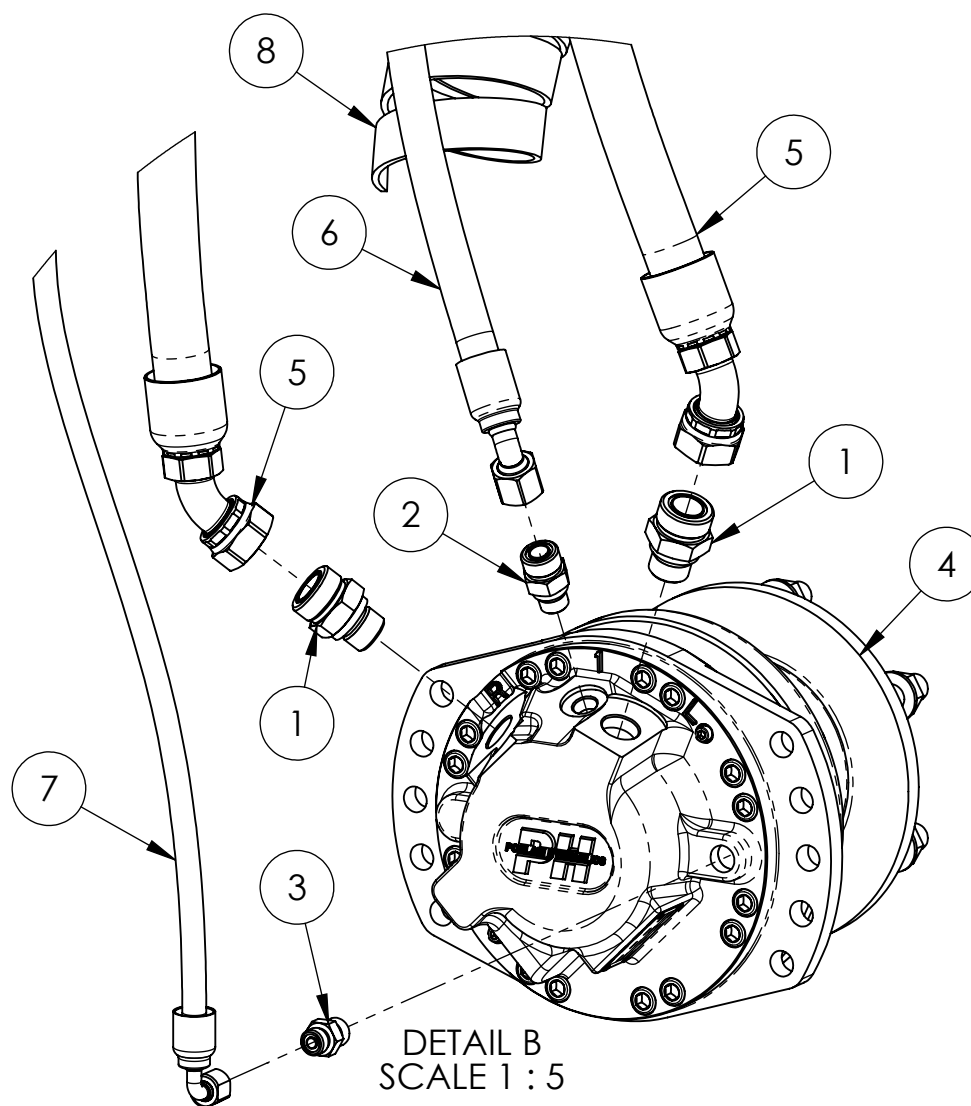
HYDRAULICS ASSEMBLY VALVE HOSES 14623



DETAIL A
SCALE 1 : 6

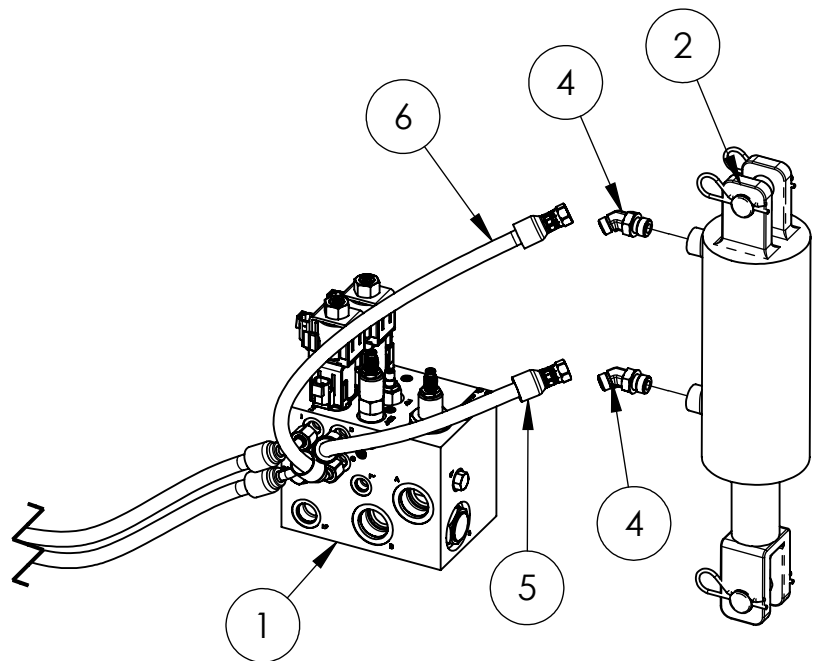
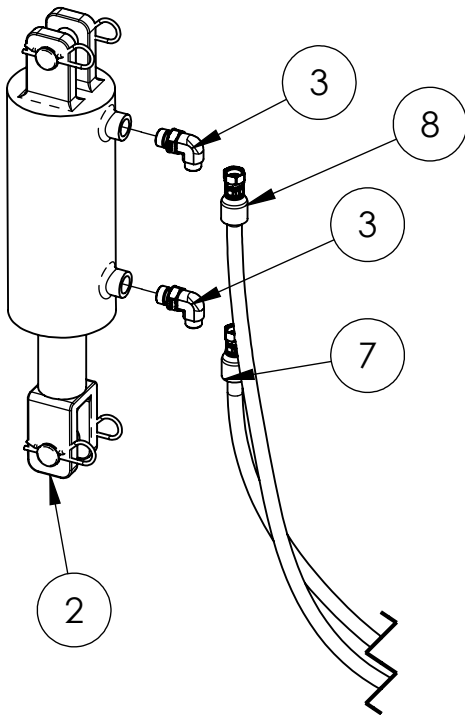
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14599	HYDRAULIC VALVE	1
2	14634	HYD HOSE, 1" X 60", ST-45	2
3	14635	HYD HOSE, 3/8" X 18", ST-45	1
4	14636	HYD HOSE, 3/8" X 26", ST-45	1
5	14637	HYD HOSE, 3/8" X 76", ST-90	1
6	14638	HYD HOSE, 3/8" X 84", ST-90	1
7	14639	HYD HOSE, 5/8" X 63", ST-45	1
8	14640	HYD HOSE, 3/8" X 66", ST-90	1
9	14641	HYD HOSE, 1/4" X 78", ST-90	1
10	14642	HYD HOSE, 1/4" X 92", ST-ST	1
11	14643	HYD HOSE, 1" X 30", ST-90	1
12	14644	HYD HOSE, 1" X 25", ST-45	1
13	14645	HYD HOSE, 5/8" X 26", ST-45	1

HYDRAULICS ASSEMBLY MOTOR 14623



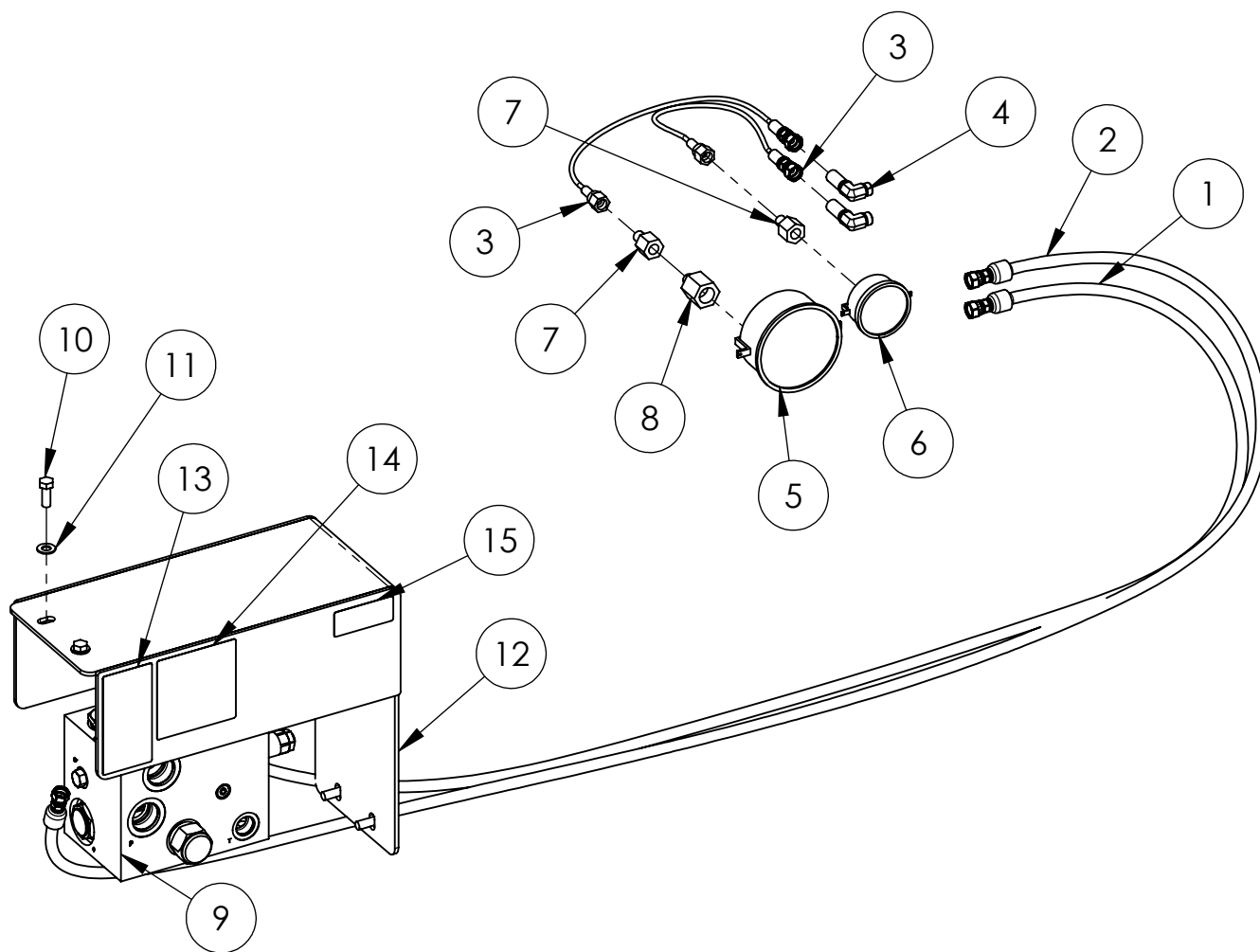
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14649	FITTING, 16M ORFS X 12M ORB ST	2
2	14650	FITTING, 10M ORFS X 8M ORB ST	1
3	14653	FITTING, 6M ORFS X 8M ORB ST	1
4	14554	HYD. MOTOR, 38.26 CID	1
5	14634	HYD HOSE, 1" X 60", ST-45	2
6	14639	HYD HOSE, 5/8" X 63", ST-45	1
7	14640	HYD HOSE, 3/8" X 66", ST-90	1
8	15492	HOSE WRAP, 4FT MOTOR	1

HYDRAULICS ASSEMBLY CYLINDERS 14623



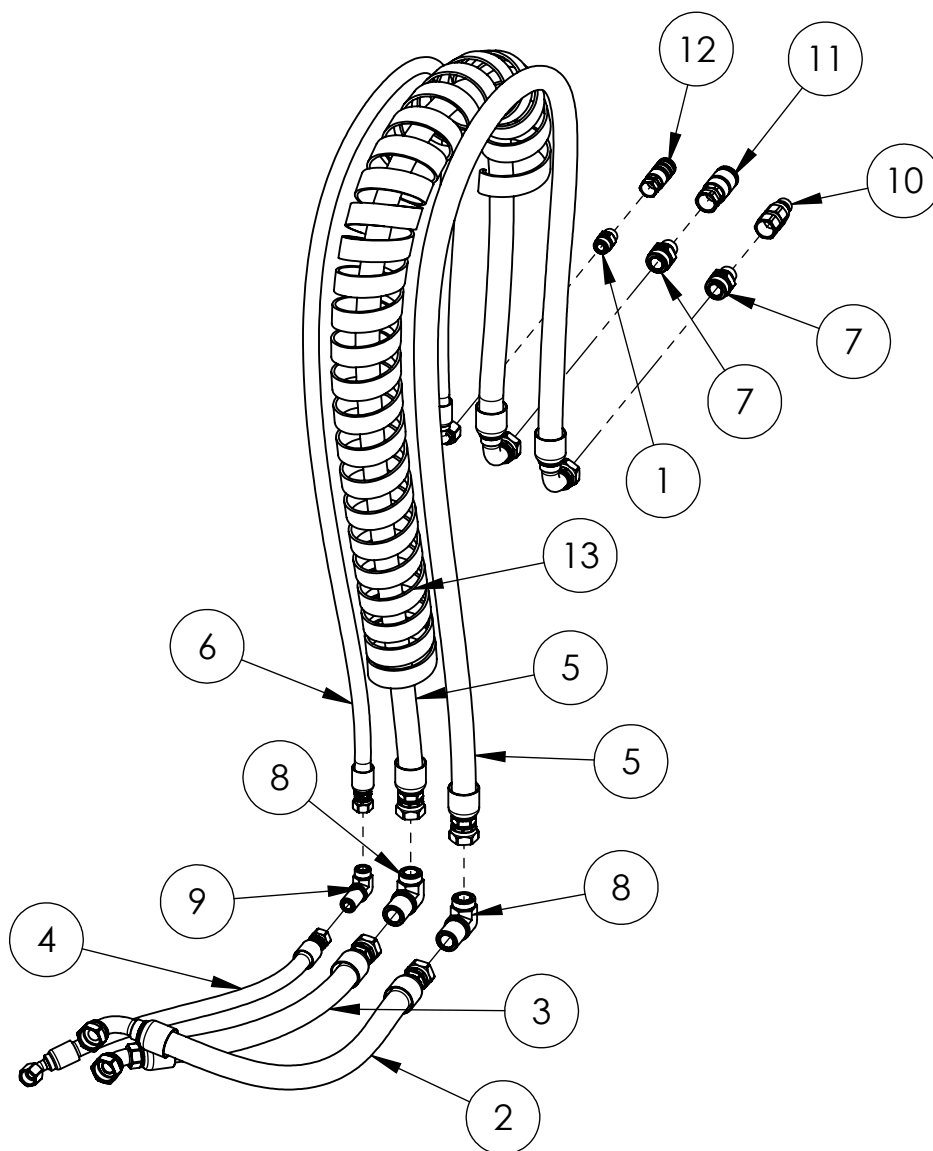
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14599	HYDRAULIC VALVE	1
2	14626	HYD CYL, 4 X 6	2
3	15347	FITTING, 6M ORFS X 8M ORB 90	2
4	14674	FITTING, 6M ORFS X 8M ORB 45	2
5	14635	HYD HOSE, 3/8" X 18", ST-45	1
6	14636	HYD HOSE, 3/8" X 26", ST-45	1
7	14637	HYD HOSE, 3/8" X 76", ST-90	1
8	14638	HYD HOSE, 3/8" X 84", ST-90	1

HYDRAULICS ASSEMBLY GAUGES 14623



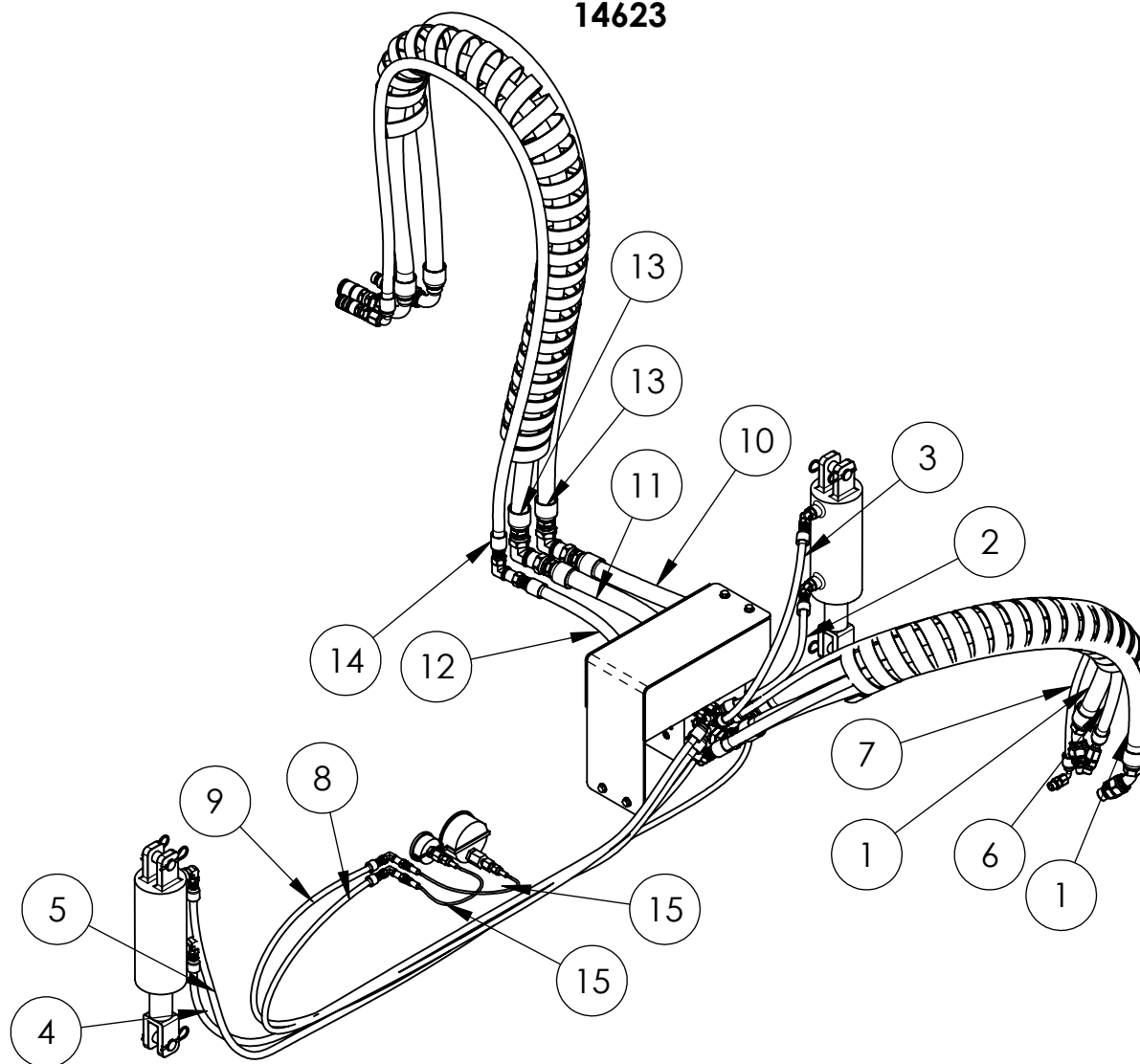
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14641	HYD HOSE, 1/4" X 78", ST-90	1
2	14642	HYD HOSE, 1/4" X 92", ST-ST	1
3	14943	HYD HOSE, MICROBORE 16"	2
4	14622	FITTING, 4M ORFS BLK UNION 90	2
5	14654	GAUGE, 4" PANEL CLAMP	1
6	14655	GAUGE, 2.5" PANEL CLAMP	1
7	14657	GAUGE SNUBBER, NPT 1/4"-18	2
8	14875	ADAPTER, 1/2" NPT F X 1/4" NPT M	1
9	14599	HYDRAULIC VALVE	1
10	10112	BOLT, 3/8-16 X 1 GR8 ZY	4
11	10110	WASHER, 3/8 SAE GR8 ZY	4
12	14600	VALVE COVER, TRIMMER	1
13	7137319	DECAL - WARNING, BURIED UTILITIES	1
14	11190	DECAL, FLUID PRESSURE	1
15	7353642	DECAL, CANCER WARNING	1

HYDRAULICS ASSEMBLY **HOSES** **14623**



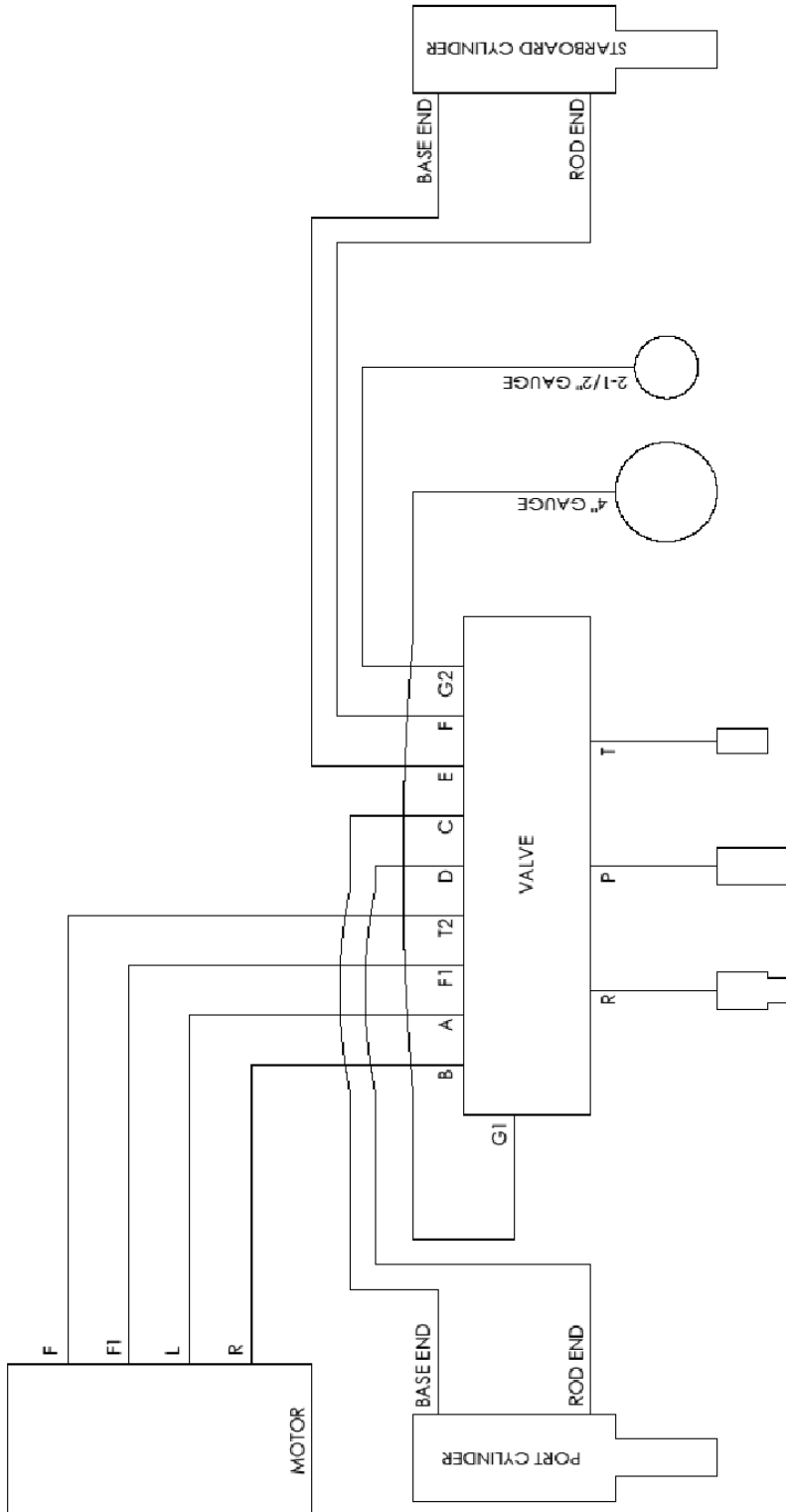
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14620	FITTING, 10M ORFS X 10M ORB ST	1
2	14643	HYD HOSE, 1" X 30", ST-90	1
3	14644	HYD HOSE, 1" X 25", ST-45	1
4	14645	HYD HOSE, 5/8" X 26", ST-45	1
5	14873	HYD HOSE, 1" X 84", ST-90	2
6	14874	HYD HOSE, 5/8" X 84", ST-90	1
7	14649	FITTING, 16M ORFS X 12M ORB ST	2
8	14660	FITTING, 16M ORFS BKHD 90	2
9	14661	FITTING, 10M ORFS BKHD 90	1
10	14876	FFC, 1/2" M X 12 F ORB	1
11	14877	FFC, 1/2" F X 12 F ORB	1
12	14880	FFC, 3/8" F X 10 F ORB	1
13	15493	HOSE WRAP, 5FT SKID	1

HYDRAULICS ASSEMBLY HOSE ROUTING 14623

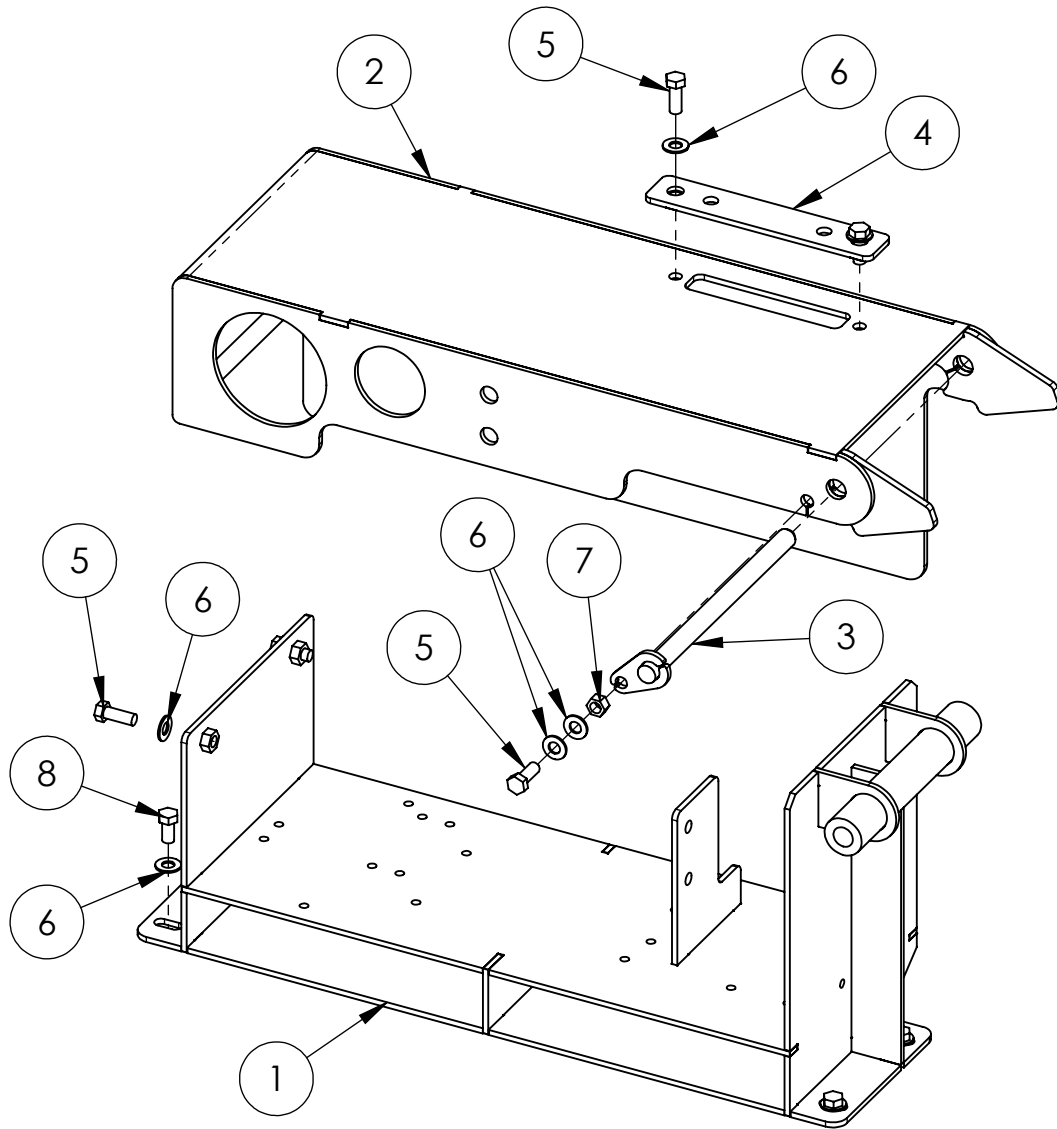


ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	14634	HYD HOSE, 1" X 60", ST-45	2
2	14635	HYD HOSE, 3/8" X 18", ST-45	1
3	14636	HYD HOSE, 3/8" X 26", ST-45	1
4	14637	HYD HOSE, 3/8" X 76", ST-90	1
5	14638	HYD HOSE, 3/8" X 84", ST-90	1
6	14639	HYD HOSE, 5/8" X 63", ST-45	1
7	14640	HYD HOSE, 3/8" X 66", ST-90	1
8	14641	HYD HOSE, 1/4" X 78", ST-90	1
9	14642	HYD HOSE, 1/4" X 92", ST-ST	1
10	14643	HYD HOSE, 1" X 30", ST-90	1
11	14644	HYD HOSE, 1" X 25", ST-45	1
12	14645	HYD HOSE, 5/8" X 26", ST-45	1
13	14873	HYD HOSE, 1" X 84", ST-90	2
14	14874	HYD HOSE, 5/8" X 84", ST-90	1
15	14943	HYD HOSE, MICROBORE 16"	2

HYDRAULICS ASSEMBLY ROUTING DIAGRAM 14623

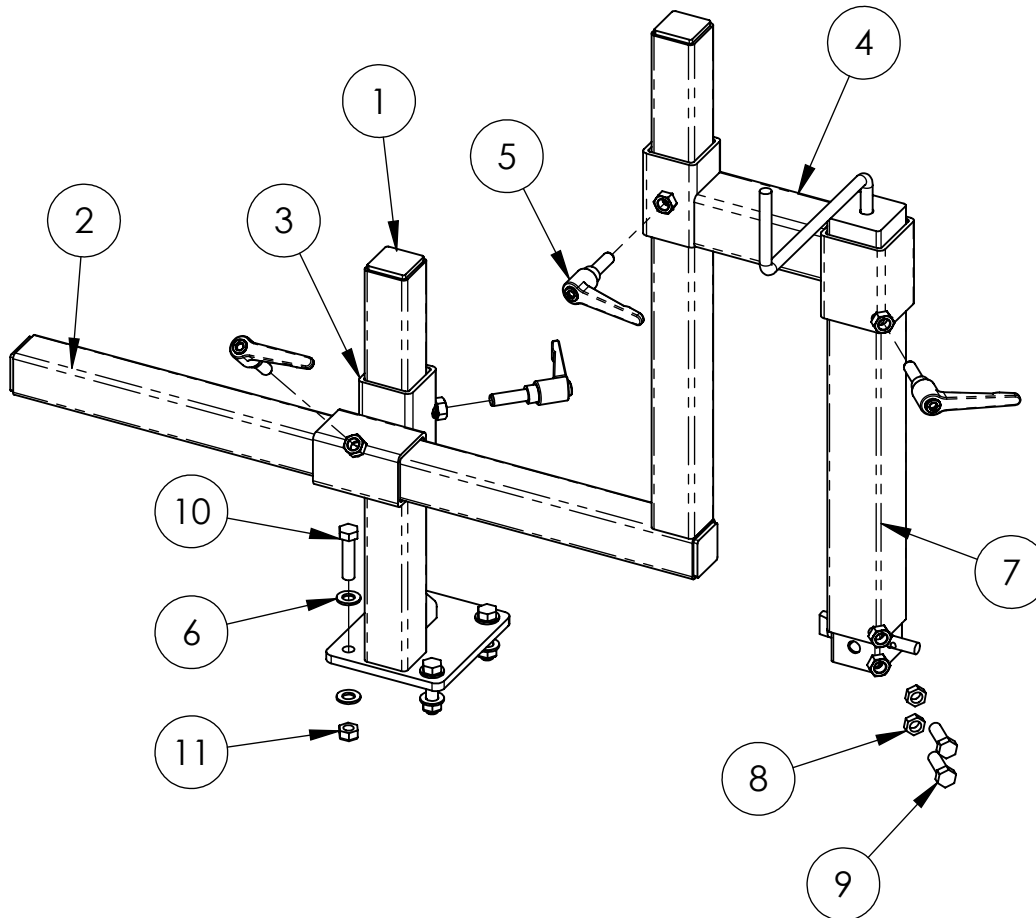


SENSORS BOX ASSEMBLY 15176



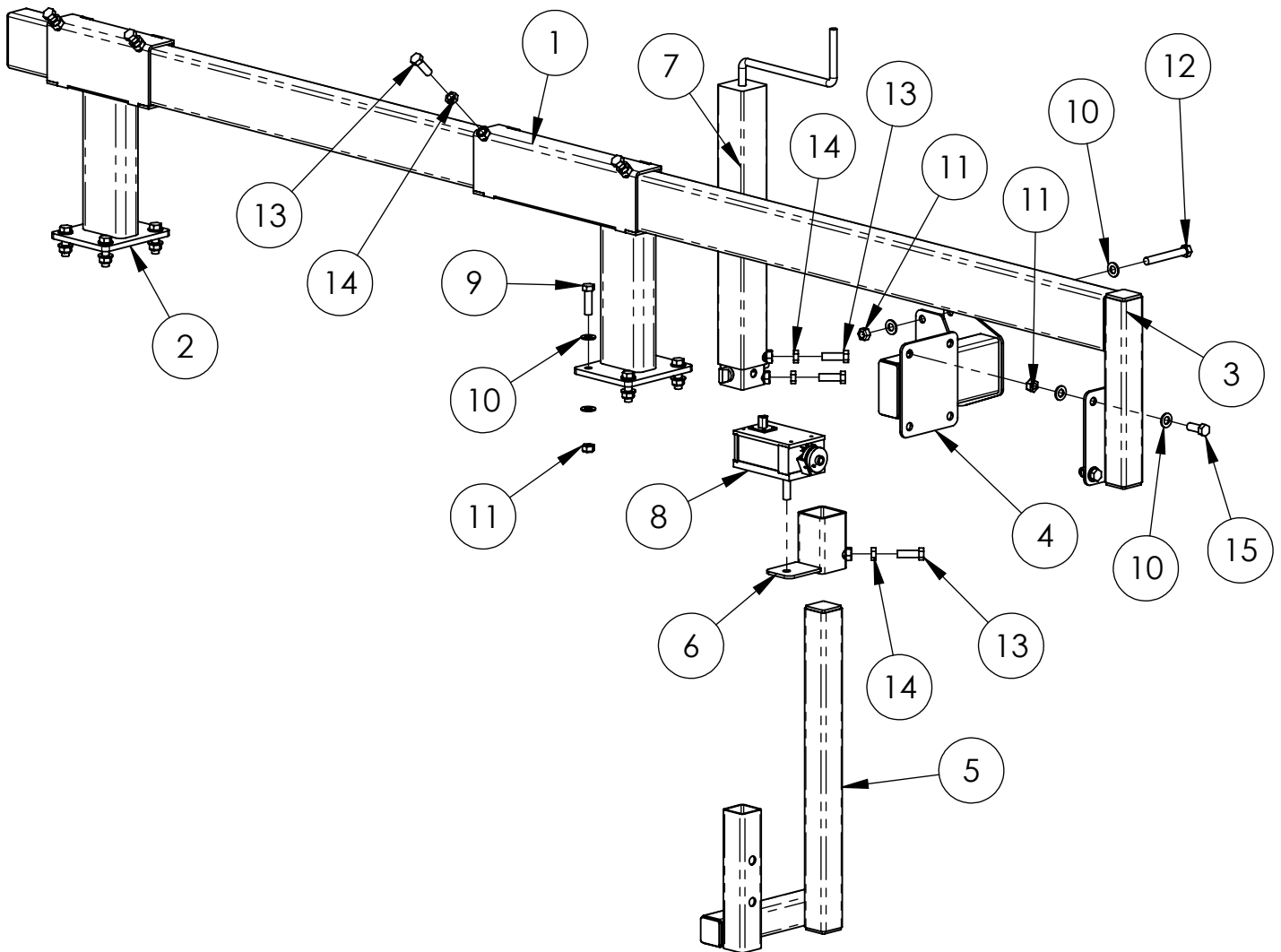
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	15177	BOX BASE WELDMENT	1
2	15178	BOX LID WELDMENT	1
3	15188	PIN, TRIMMER BOX HINGE	1
4	14828	COAX MOUNT WELDMENT	1
5	10112	BOLT, 3/8-16 X 1 GR8 ZY	5
6	10110	WASHER, 3/8 SAE GR8 ZY	10
7	10947	NUT, 3/8-16 SLTL GR8 ZY	1
8	10114	BOLT, 3/8-16 X .75 GR8 ZY	4

STRING LINE/SONIC BRACKET ASSEMBLY **16183**



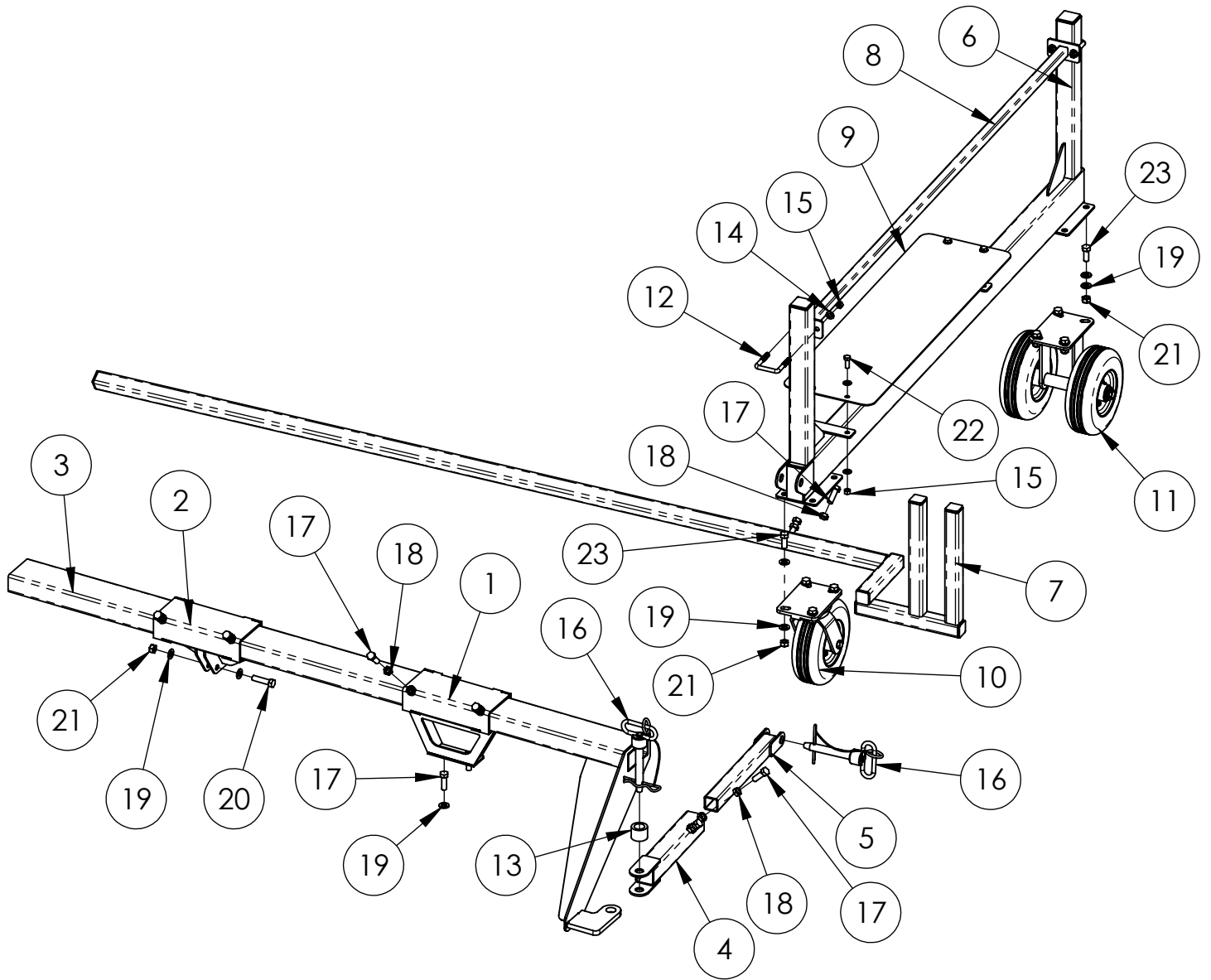
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	16184	STRING LINE BRACKET BASE	1
2	16185	STRING LINE BRACKET ARM	1
3	16186	STRING LINE BRACKET TEE	1
4	16187	STRING LINE BRACKET MNT	1
5	15794	SET SCREW, 1/2-13 RATCHET	4
6	10062	WASHER, 1/2 SAE GR8 ZY	8
7	15093	JACK, 8K TOP SL MOUNT	1
8	11125	NUT, 1/2-13 JAM GR8 ZY	2
9	10394	BOLT, 1/2-13 X 1.50 GR8 ZY	2
10	10946	BOLT - 1/2-13 X 2.00 GR8 ZY	4
11	10396	NUT, 1/2-13, SLTL GR8 ZY	4

STRING LINE BRACKET ASSEMBLY 16018



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	16209	SL EXTENSION MNT SIDE	1
2	16210	SL EXTENSION MNT MID	1
3	16211	SL EXTENSION 9FT	1
4	16212	SL JACK MOUNT	1
5	16213	SL SLIDE MOUNT	1
6	16214	SL SENSOR SLIDE	1
7	15093	JACK, 8K TOP SL MOUNT	1
8	15028	STRING LINE BOX ASSY	1
9	10435	BOLT - 1/2-13 X 1.75 GR8 ZY	8
10	10062	WASHER, 1/2 SAE GR8 ZY	28
11	10396	NUT, 1/2-13, SLTL GR8 ZY	14
12	11617	BOLT, 1/2-13 X 3.75 GR8 ZY	2
13	10394	BOLT, 1/2-13 X 1.50 GR8 ZY	7
14	11125	NUT, 1/2-13 JAM GR8 ZY	7
15	10433	BOLT, 1/2-13 X 1.25 GR8 ZY	4

STRING LINE/SONIC CART 16061



STRING LINE/SONIC CART 16061

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	16056	TOW BAR MOUNT	1
2	16057	TOW BAR MOUNT	1
3	16058	TOW BAR WELDMENT	1
4	16059	TONGUE, SLED FRONT	1
5	16060	TONGUE, SLED BACK	1
6	16062	FRAME, WHEEL SLED	1
7	16063	SLED TAIL SUPPORT	1
8	16090	STRING LINE BAR	1
9	16083	PLATE, SONIC TARGET	1
10	16093	CASTER WHEEL, 8" SWIVEL	1
11	16094	CASTER WHEEL, 8" DOUBLE	1
12	16096	U-BOLT, 3/8"-16 X 2" X 2"	2
13	16097	TUBE, TONGUE SPACER	1
14	10110	WASHER, 3/8 SAE GR8 ZY	12
15	10947	NUT, 3/8-16 SLTL GR8 ZY	8
16	12077	HITCHPIN, W/LANYARD, 3/4" X 4"	2
17	10394	BOLT, 1/2-13 X 1.50 GR8 ZY	10
18	11125	NUT, 1/2-13 JAM GR8 ZY	8
19	10062	WASHER, 1/2 SAE GR8 ZY	22
20	10946	BOLT - 1/2-13 X 2.00 GR8 ZY	2
21	10396	NUT, 1/2-13, SLTL GR8 ZY	10
22	10112	BOLT, 3/8-16 X 1 GR8 ZY	4
23	10433	BOLT, 1/2-13 X 1.25 GR8 ZY	8

