



BARTELL GLOBAL

PARTS BOOK

POWER BUGGIES

DB17, DB21



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Curr Rev. – 08
After S/N: 723694

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**ORIGINAL LANGUAGE OPERATING MANUAL FOR
BARTELL POWER BUGGIES**

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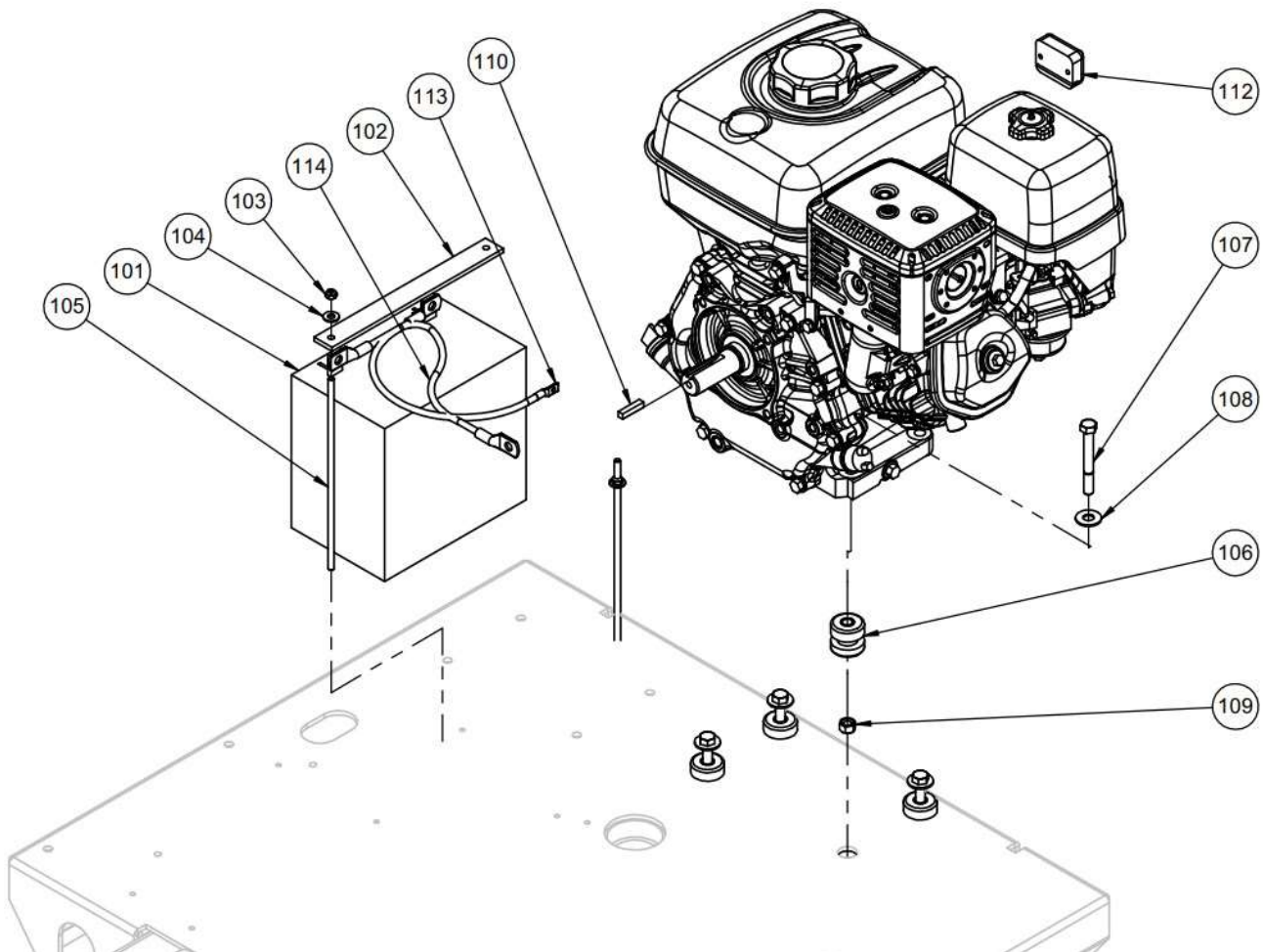
REV.	DATE	DESCRIPTION	APPROVED BY:
07	04/04/23	Updated for S/N after 723694 with new pump	A. Nakkila
08	08/24	Updated parts list 7 (throttle cable)	A. Nakkila

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PARTS LIST 1 – BUGGY

ENGINE AND BATTERY



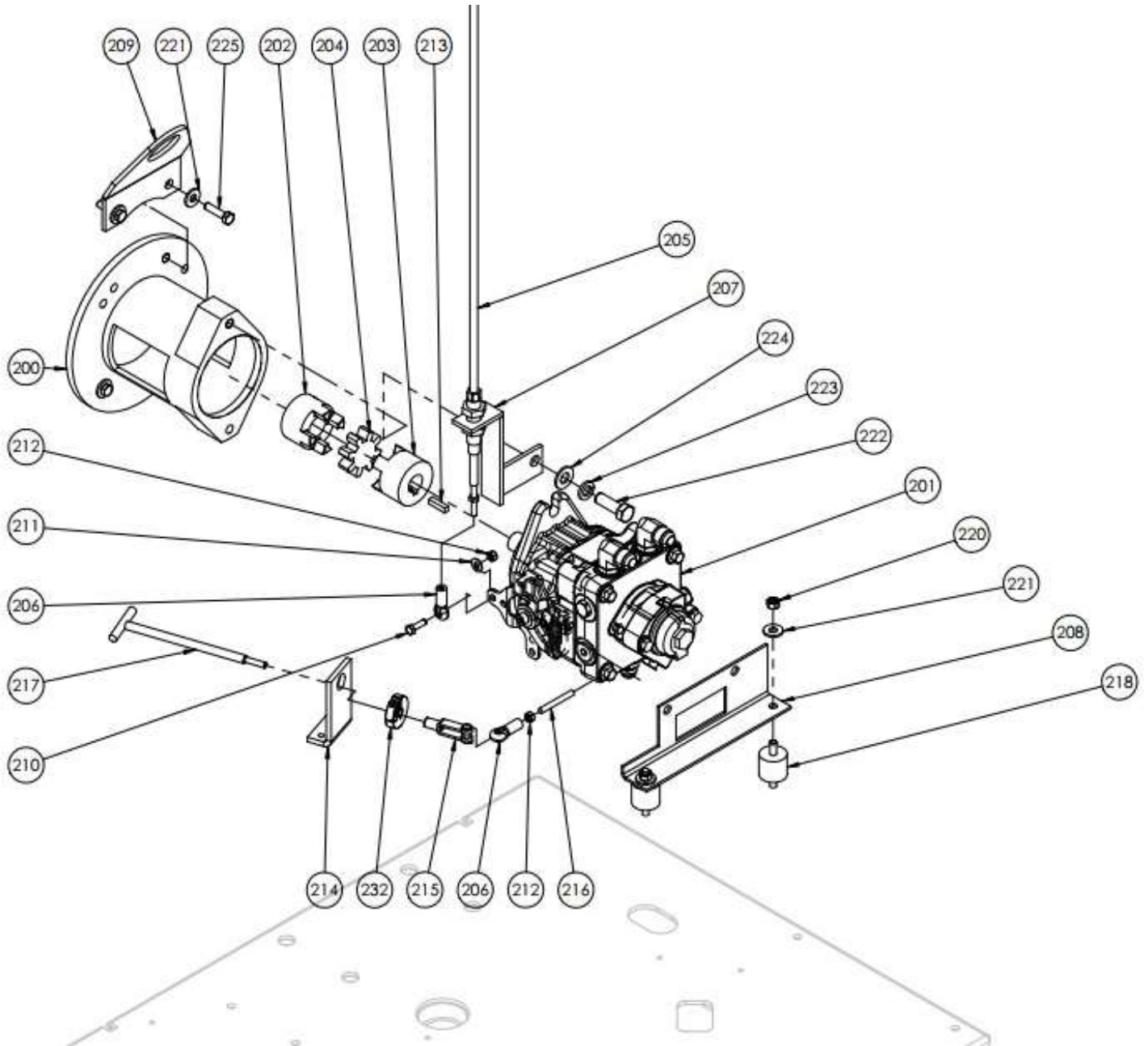
ENGINE AND BATTERY – PARTS LIST 1

Item #	Part #	Description	QTY	Remarks
*101	60005	BATTERY, 12V	1	
*102	60003	HOLD DOWN BAR	1	
*103	50622	LOCKNUT - M6	2	
*104	14447	FLAT WASHER, M6	2	
*105	60007	THREADED ROD, M6	2	
106	10187	ISOLATION MOUNT	4	
107	13888	(DB17) HHCS 3/8"-16 X 3" LG	4	
	10103	(DB21) HHCS 5/16"-18 x 3" LG		
108	10905	(DB17) FLAT WASHER 3/8"	4	
	11586	(DB21) FLAT WASHER 5/16"		
109	10317	(DB17) LOCKNUT 3/8"-16	4	
	10103	(DB21) LOCKNUT 5/16"-18		
110	10608	KEY, 1/4" SQUARE X 1 5/32"LG	1	
112	11488	HOUR METER	1	
*113	60004	BATTERY WIRE, POSITIVE	1	
*114	60006	BATTERY WIRE, NEGATIVE	1	
ENGINE	21335	HONDA GX390 – RECOIL START	1	
	21356	HONDA GX390 – ELECTRIC START		
	21443	VANGUARD 16HP – ELECTRIC START		
	21390	VANGUARD 18HP – ELECTRIC START		

*ELECTRIC START VERSIONS ONLY

PARTS LIST 2 – BUGGY

PUMP ASSEMBLY

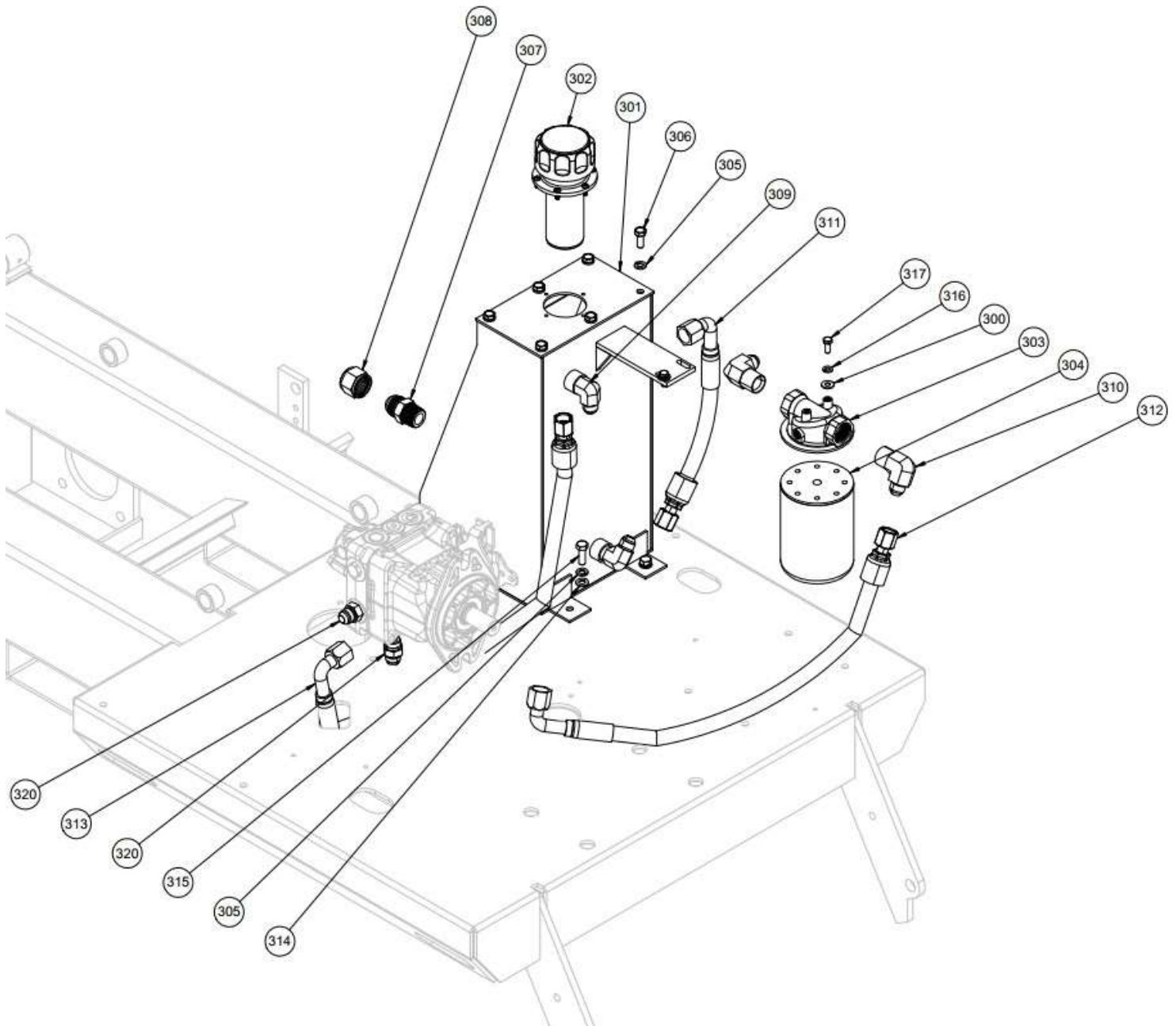


PUMP ASSEMBLY – PARTS LIST 2

Item #	Part #	Description	QTY	Remarks
200	60331	BELL HOUSING	1	
201	60330	PUMP, HYDRAULIC	1	
202	60332	JAW COUPLING, 1" BORE, ¼" KEY	1	
203	60333	JAW COUPLING, 7/8" BORE, ¼" KEY	1	
204	60334	COUPLING, SPIDER	1	
205	60547	THROTTLE CONTROL CABLE	1	
206	60263	ROD END, 1/4"-28 x 1/4" BORE	1	
207	60524	THROTTLE CABLE MOUNT	1	
208	60523	PUMP BRACKET SUPPORT	1	
209	60528	LIFT BRACKET	1	
210	51058	HHCS, M6-1.0x20MM LG	1	
211	14447	WASHER, M6	1	
212	11865	LOCKNUT, NYLON, M6-1.0	3	
213	10608	KEY, 1/4" SQ X 1 5/32" LG	1	
214	60549	NEUTRAL LEVER BRACKET	1	
215	60551	YOKE, ROD END, 1/4"-20	1	
216	60554	NEUTRAL LEVER ROD, M6-1.0	1	
217	60550	T-BAR, NUETRAL LEVER	1	
218	12089	VIBRATION ISOLATION MOUNT	2	
220	10108	LOCKNUT, NYLON, 5/16-18UNC	2	
221	10919	WASHER, 5/16"	2	
222	30019	HHCS, 1/2-13 x 1 1/2" LG	2	
223	10009	LOCKWASHER, ½"	2	
225	10407	HHCS, 5/16-18 X 1-1/4" LG	4	
232	60556	CLAMP COLLAR, QUICK RELEASE	1	

PARTS LIST 3 – BUGGY

OIL TANK ASSEMBLY

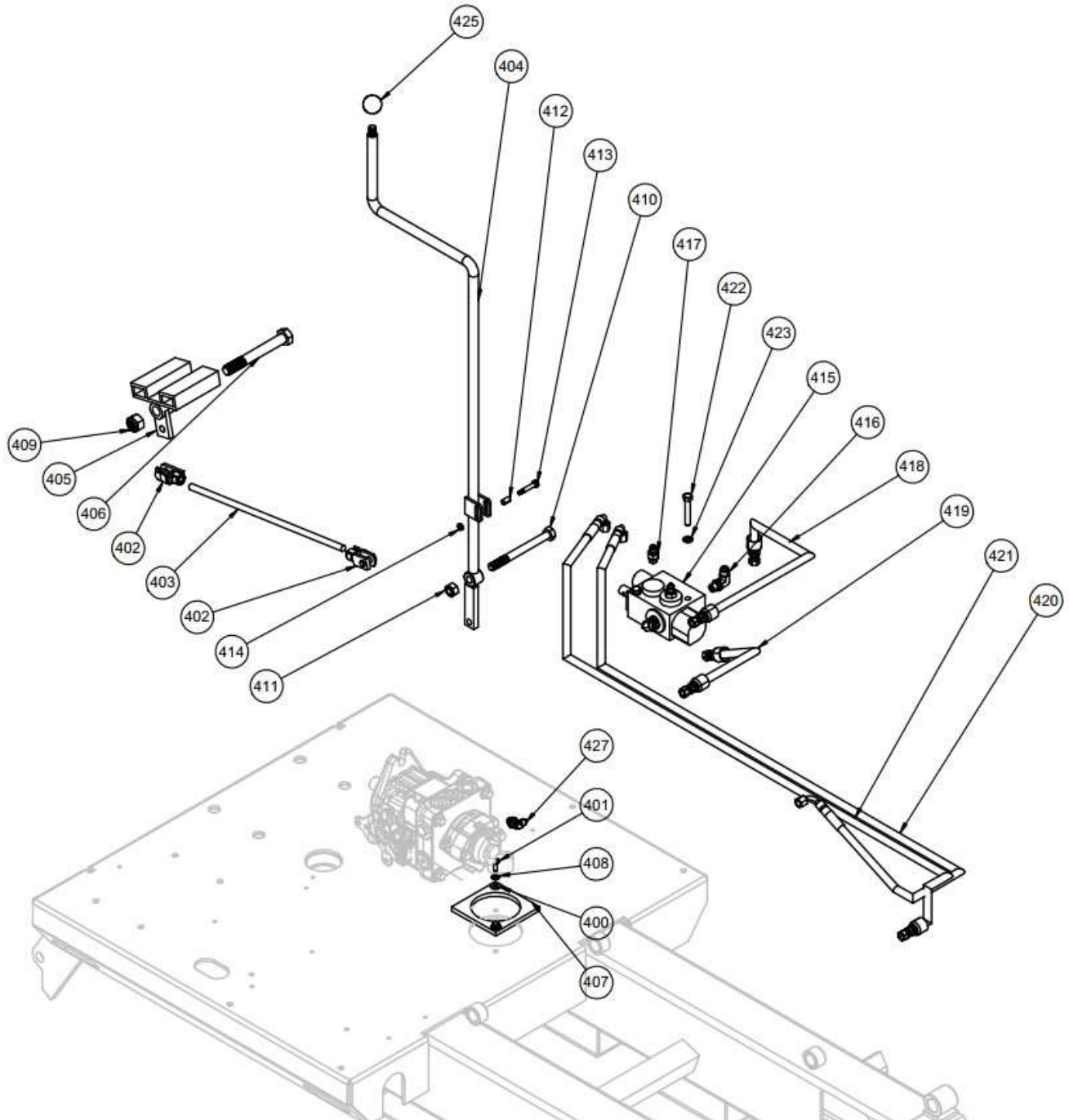


OIL TANK ASSEMBLY – PARTS LIST 3

Item #	Part #	Description	QTY	Remarks
300	14447	WASHER, M6	2	
301	60530	HYDRAULIC OIL TANK	1	
302	61055	OIL CAB BASE + FILTER ASSY	1	
303	61060	IL FILTER HEAD - SPIN-ON	1	
304	61065	OIL FILTER CARTRIDGE-HYDRAULIC	1	
305	11614	LOCKWASHER, M8	10	
306	10999	HHCS, M8-1.25 x 20MM LG	6	
307	60537	FITTING, HYD, 1-1/16" MJIC-3/4" MNPT	1	
308	60555	CAP, HYD, 1-1/16" FJIC	1	
309	60535	FITTING, HYD, 1/2" NPT-8 MJIC	2	
310	60561	FITTING, 90, HYD, -8 MJIC-3/4" MNPT	2	
311	60558	HOSE, HYD, #8, 12" STR-90 DEG	1	
312	60563	HOSE, HYD, #8, 24" STR-90 DEG	1	
313	60557	HOSE, HYD, #8, 27" STR-90 DEG	1	
314	11667	WASHER, M8	4	
315	11619	HHCS, M8-1.25 x 25MM LG	4	
316	14448	LOCKWASHER, M6	2	
317	11746	HHCS, M6-1.0 x 16MM LG.	2	
320	60545	FITTING, HYD, 3/4" MJIC-3/4" MORB	2	

PARTS LIST 4 – BUGGY

DUMP VALVE ASSEMBLY

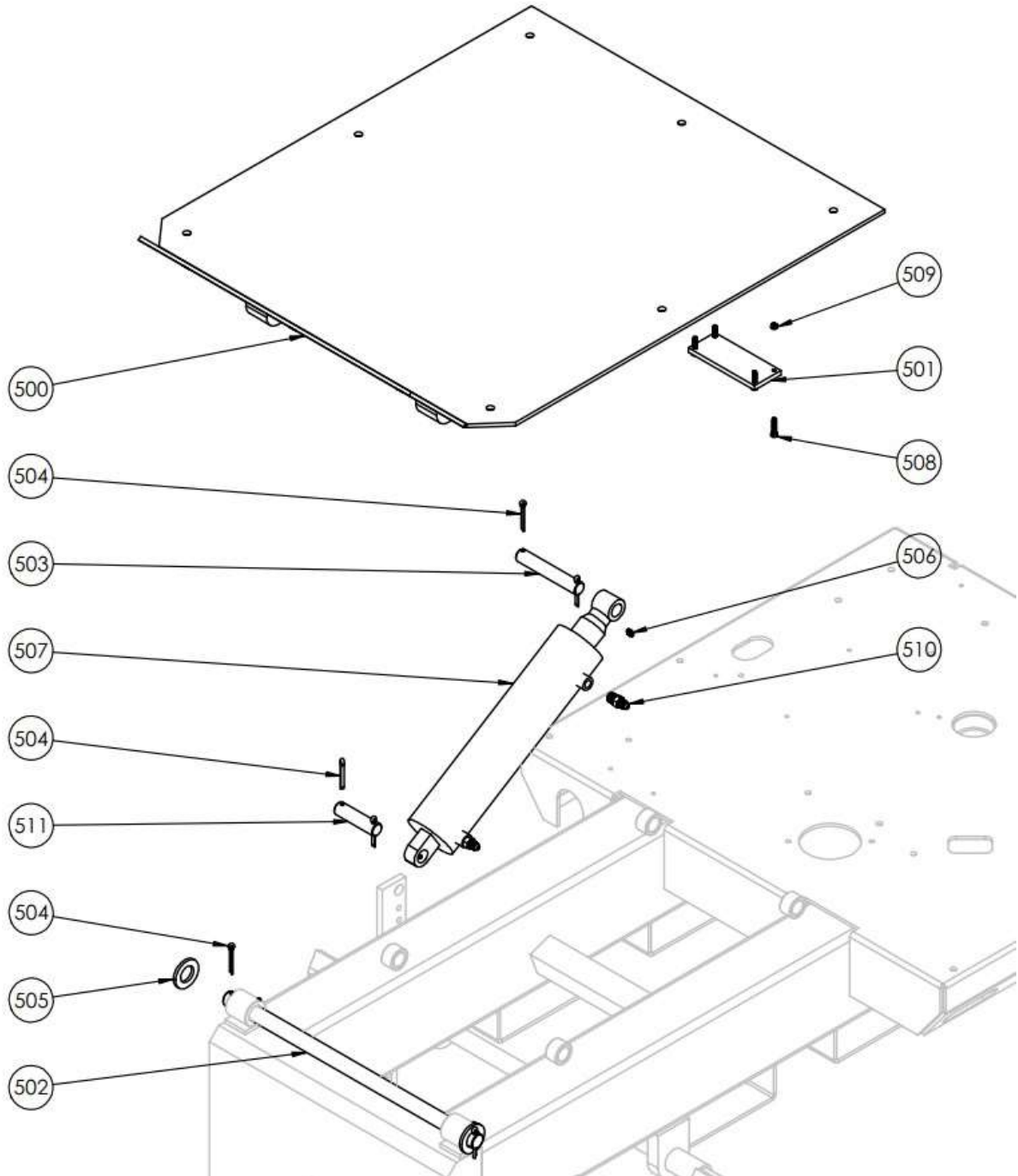


DUMP VALVE ASSEMBLY – PARTS LIST 4

Item #	Part #	Description	QTY	Remarks
400	14447	WASHER, M6	2	
401	11746	HHCS, M6-1.0x16MM LG	2	
402	60080	YOKE WITH CLEVIS PIN, M10	2	
403	60081	ROD, DUMPING	1	
404	60274	DUMPING LEVER	1	
405	60082	DUMP PEDAL	1	
406	60089	HHCS, M16-1.5 x 130MM LG	1	
407	60120	POLY EDGE PROTECTOR	1	
408	11620	LOCKWASHER, M6	2	
409	60138	LOCKNUT, M16-2.0	1	
410	60084	HHCS, M12-1.75 x 130MM LG	1	
411	10956	LOCKNUT, M12-1.75	1	
412	22662	SLEEVE, ID.260, OD.335, L1/2	1	
413	11912	SHSB, 1/4"DIA x 1"L SHOULDER, #10-24	1	
414	12413	LOCKNUT, #10	1	
415	897758	VALVE, DUMPER CONTROL	1	
416	897093	HYD. FITTING,90 DEG ELBOW	2	
417	897462	FITTING, HYD, 1/4MJIC-1/2MORB	2	
418	60539	HOSE, HYD, #4, 16" STR-STR	1	
419	60543	HOSE, HYD, #4, 10" STR-STR	1	
420	60110	HOSE, DUMP VALVE TO CYL RETRAC	1	
421	60111	HOSE, DUMP VALVE TO CYL EXTEND	1	
422	10403	HHCS, 5/16"-18NC X 2.00" LG	2	
423	10402	LOCKWASHER, 5/16"	2	
425	60077	DUMPING KNOB	1	
427	60268	FITTING, HYD, 45 DEG,1/4" MJIC - 1/4" MORB	2	

PARTS LIST 5 – BUGGY

DUMP CYLINDER ASSEMBLY

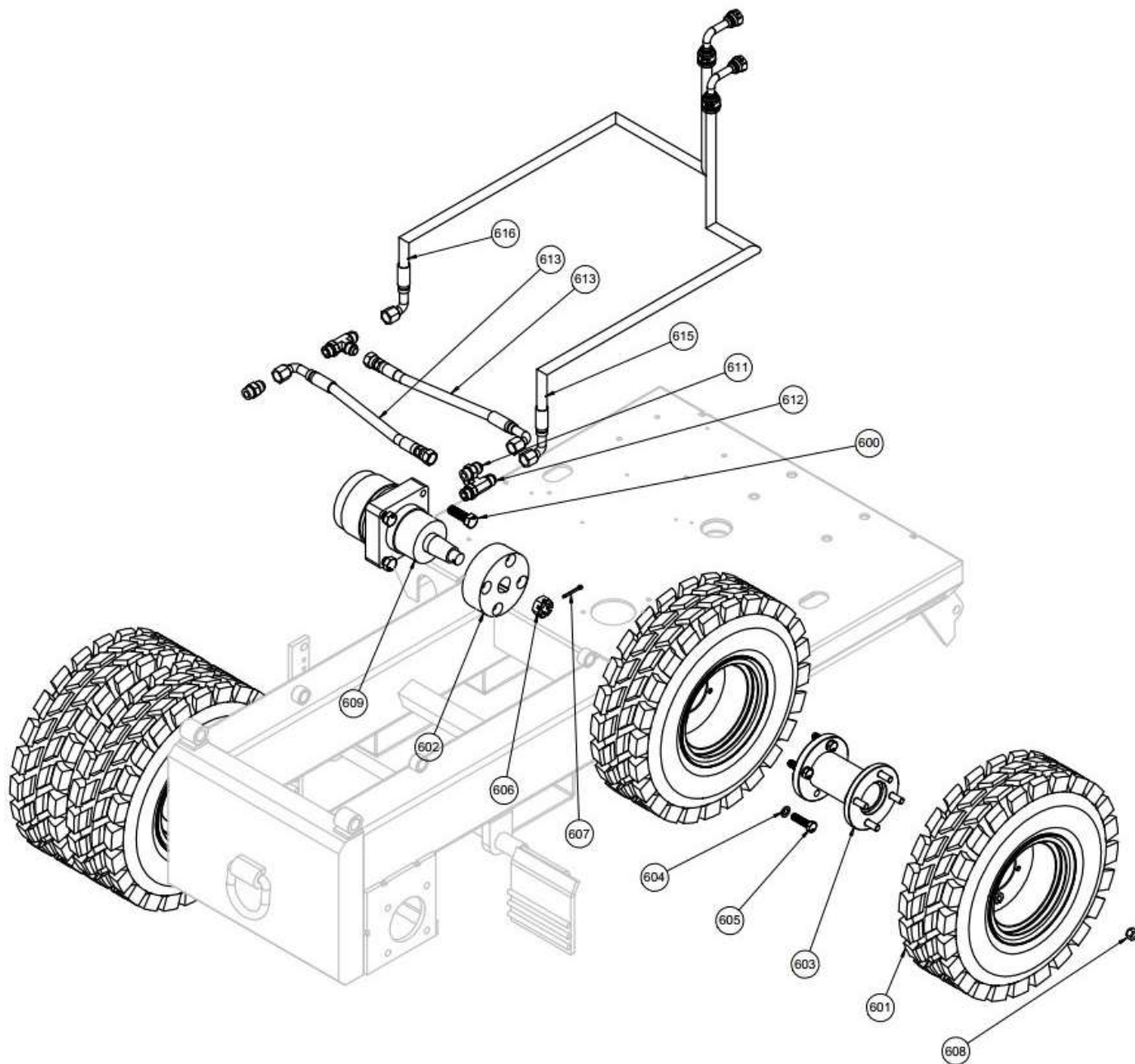


DUMP CYLINDER ASSEMBLY – PARTS LIST 5

Item #	Part #	Description	QTY	Remarks
500	60215	BUCKET SUPPORT PLATE	1	
501	60221	POLY CUSHION PLATE	2	
502	60224	ROD, BUCKET HINGE	1	
503	60102	PIN, TOP, DUMP CYLINDER	1	
504	60180	COTTER PIN, M5 x 40MM, ZP	6	
505	60226	WASHER, M22	2	
506	60104	GREASE FITTING	4	
507	60526	HYDRAULIC CYLINDER	1	
508	60222	HHCS, M5-0.8 x 25MM LG.	8	
509	30843	LOCKNUT, M5-0.8, ZP	8	
510	60107	FITTING, HYD, 1/4MJIC-1/4MPT	2	
511	60103	PIN, BOTTOM, DUMP CYLINDER	1	

PARTS LIST 6 – BUGGY

FRONT WHEEL ASSEMBLY

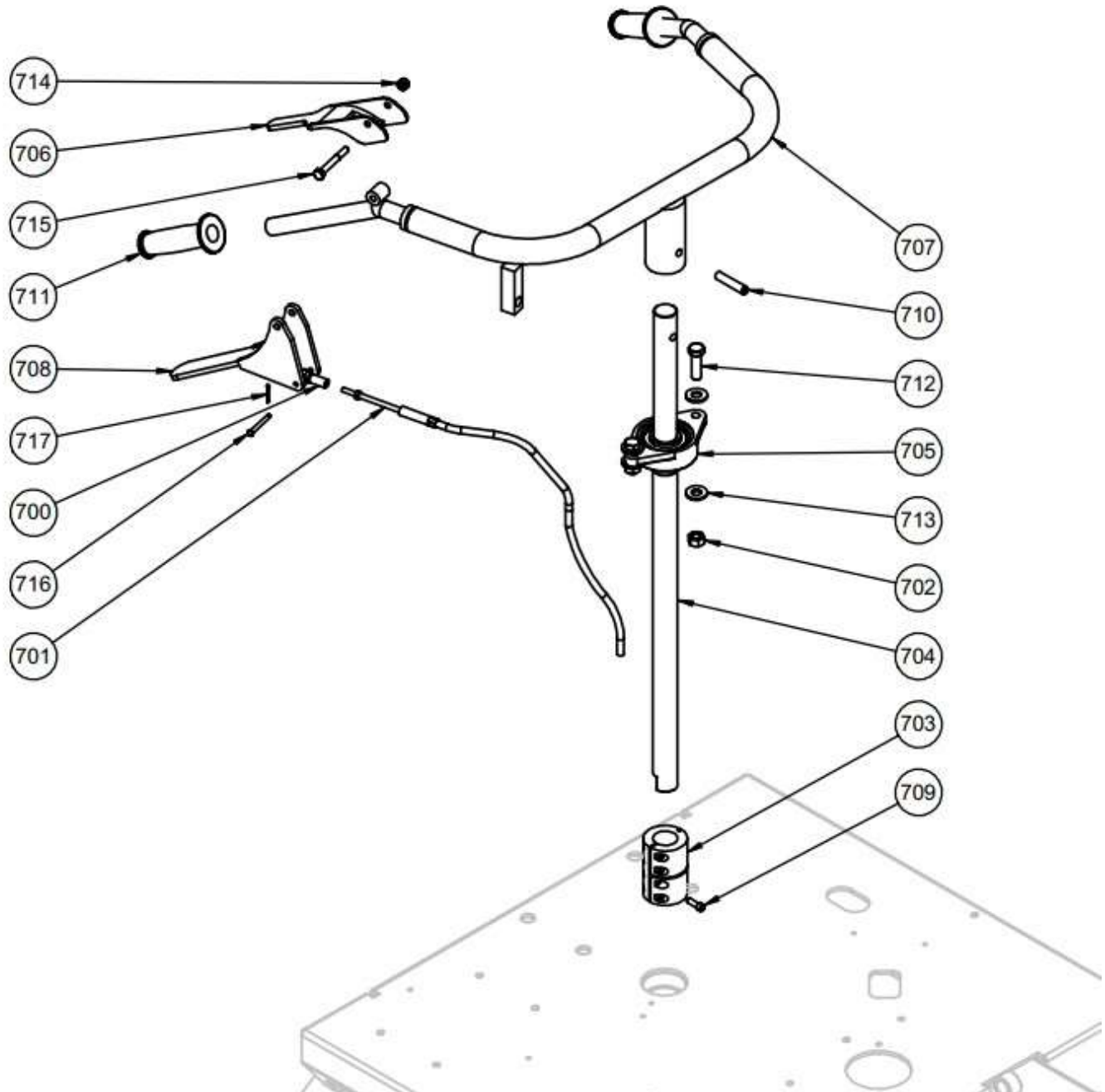


FRONT WHEEL ASSEMBLY – PARTS LIST 6

Item #	Part #	Description	QTY	Remarks
600	60136	HHCS, M16-2.0 x 50MM LG	8	
601	60053	FRONT WHEEL (FOAM)	4	
	60051	FRONT WHEEL (AIR)	4	
602	62202	WHEEL HUB, CONNECTION BLOCK	2	
603	60132	CONNECTING HUB	2	
604	10735	LOCKWASHER, M12	8	
605	60134	HHCS, M12-1.75 x 45MM LG	8	
606	60181	CASTLE NUT, M24	2	
607	60225	COTTER PIN, M5 X 36MM	2	
608	60135	WHEEL NUT, M12-1.5	8	
609	760147	MOTOR, HYDRAULIC	2	
611	60015	FITTING, HYD, 5/8" MJIC- 5/8" MORB	2	
612	897466	FITTING, HYD, 5/8" MJIC- 5/8" MORB TEE	2	
613	60256	HOSE, MOTOR TO MOTOR	2	
615	60265	HOSE, PUMP TO LEFT DRIVE MOTOR	1	
616	60266	HOSE, PUMP TO RIGHT DRIVE MOTOR	1	

PARTS LIST 7 – BUGGY

STEERING CONTROL ASSEMBLY

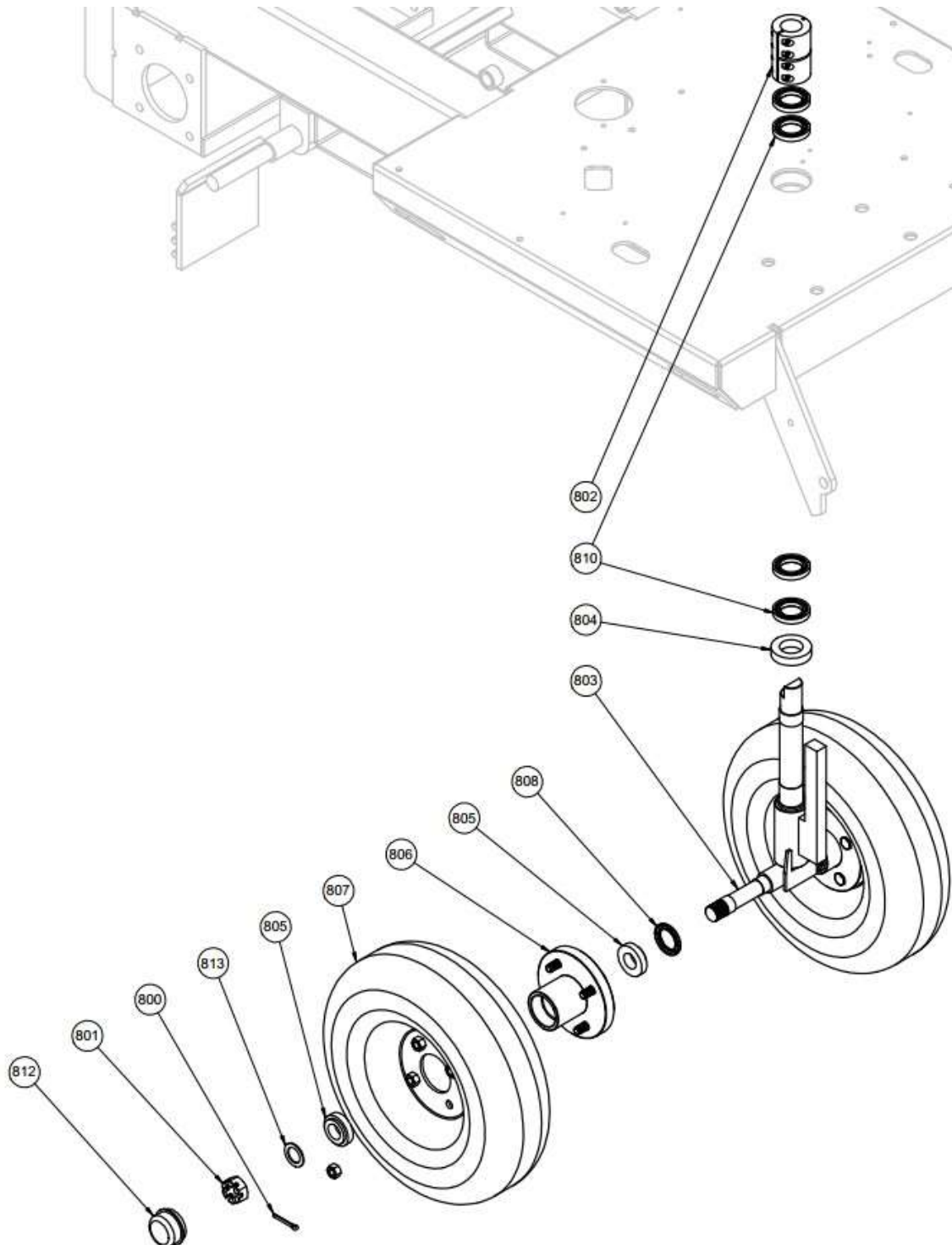


STEERING CONTROL ASSEMBLY – PARTS LIST 7

Item #	Part #	Description	QTY	Remarks
700	60263	ROD END, 1/4"-28 x 1/4" BORE	1	
701	60547	THROTTLE CONTROL CABLE	1	
702	10956	LOCKNUT, M12-1.75	2	
703	60175	LOCKING SLEEVE	1	
704	60164	STEERING SHAFT	1	
705	60167	BEARING, PILLOW BLOCK	1	
706	61158	REVERSING LEVER, TOP HANDLE	1	
707	60525	HANDLEBAR	1	
708	60527	THROTTLE LEVER	1	
709	10042	SHCS, M6-1.0 x 20MM LG	4	
710	60170	SPRING PIN, M10 X 50MM	1	
711	21717	HANDLE GRIP	2	
712	10955	HHCS, M12-1.75 x 40MM LG.	2	
713	14267	WASHER, FLAT, M12	4	
714	10108	LOCKNUT, 5/16-18 UNC	1	
715	10140	HHCS, 5/16-18 UNC x 2 1/2" LG.	1	
716	60154	CLEVIS PIN, 6MM x 45MM	1	
717	60155	COTTER PIN, M2.5 x 16MM	1	

PARTS LIST 8 – BUGGY

REAR WHEEL ASSEMBLY

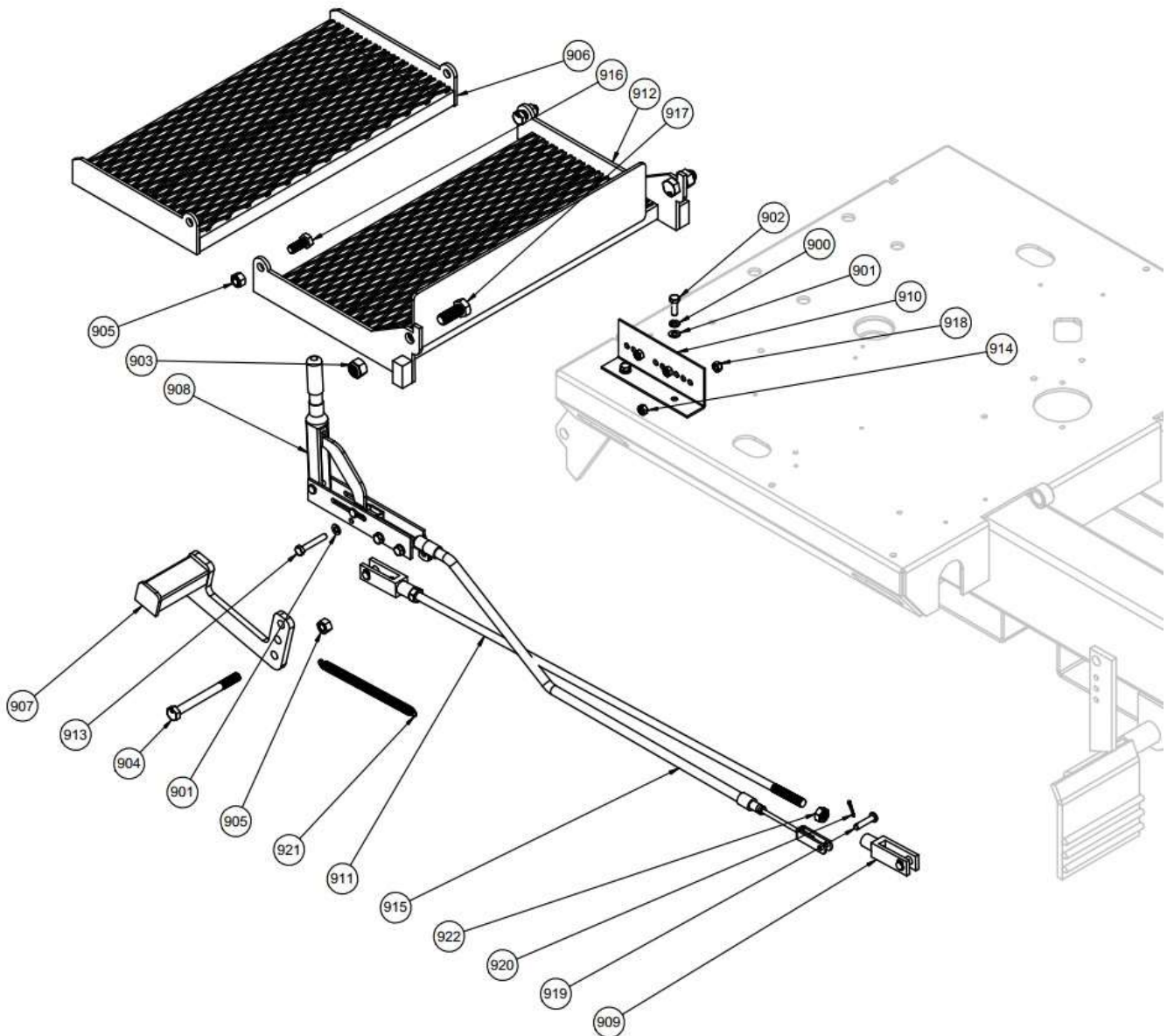


REAR WHEEL ASSEMBLY – PARTS LIST 8

Item #	Part #	Description	QTY	Remarks
800	60180	COTTER PIN, M5 x 40MM	2	
801	60181	CASTLE NUT, M24	2	
802	60175	LOCKING SLEEVE	1	
803	60177	AXLE, STEERING	1	
804	60176	BEARING, THRUST	1	
805	60178	BEARING, TAPER CONE	4	Must buy both cup + cone
	60280	BEARING, TAPER CUP	4	
806	60179	HUB	2	
807	60183	REAR TIRE (AIR)	2	
	60185	REAR TIRE (FOAM)	2	
808	60186	INNER BEARING HUB SEAL	2	
809	60135	WHEEL NUT, M12-1.5	8	
810	60173	BEARING, BALL	4	
812	60182	DUST CAP, PLAIN	2	
	60278	DUST CAP WITH GREASE NIPPLE	2	
813	60174	BUSHING	2	

PARTS LIST 9 – BUGGY

PLATFORM AND PARKING BRAKE ASSEMBLY

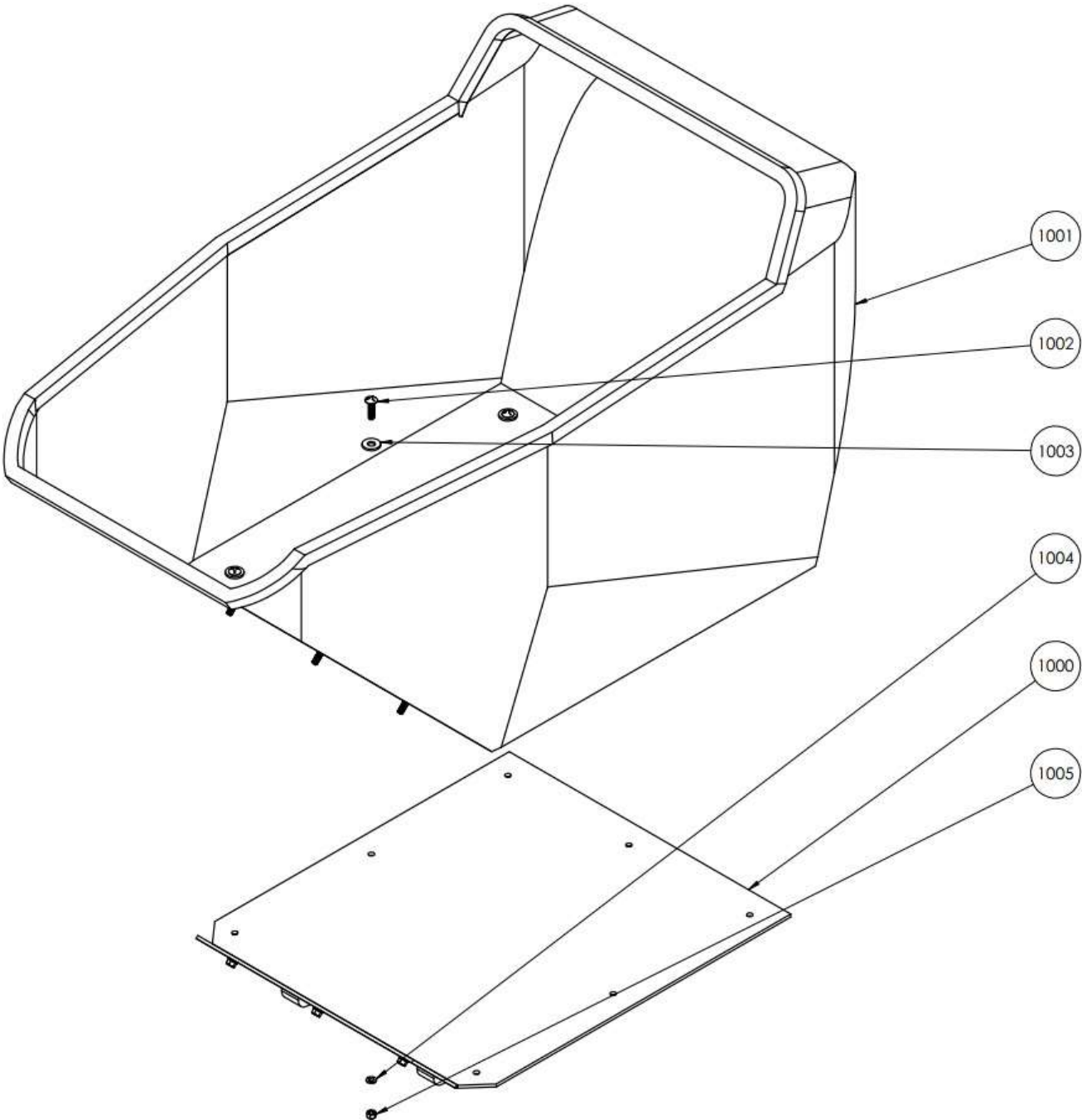


PLATFORM AND PARKING BRAKE – PARTS LIST 9

Item #	Part #	Description	QTY	Remarks
900	11614	LOCKWASHER, M8	2	
901	11667	WASHER, M8	5	
902	11619	HHCS, M8-1.25 x 25MM LG.	2	
903	60138	LOCKNUT, M16-2.0	2	
904	60084	HHCS, M12-1.75 x 130MM LG.	1	
905	10956	LOCKNUT, M12-1.75	3	
906	61190	RIDING PLATFORM 1	1	
907	60206	BRAKE PEDAL	1	
908	60192	HAND BRAKE	1	
909	60205	YOKE END	2	
910	60553	HAND BRAKE BRACKET	1	
911	61200	ROD, BRAKE	1	
912	60191	RIDING PLATFORM 2	1	
913	10453	HHCS, M8-1.25 x 50MM LG.	3	
914	11615	HEX NUT, M8-1.25	3	
915	60196	HAND BRAKE CABLE	1	
916	31180	HHCS, M12-1.75 x 30MM	2	
917	60830	HHCS, M16-2.0 x 40MM LG.	2	
918	11617	LOCKNUT, M8x1.25	3	
919	60199	PIN	1	
920	60198	COTTER PIN, M3.2 x 16MM, ZP	1	
921	62201	SPRING, FOOT BRAKE	1	
922	31013	HEX NUT, M12-1.25	2	

PARTS LIST 10 – BUGGY

BUCKET ASSEMBLY

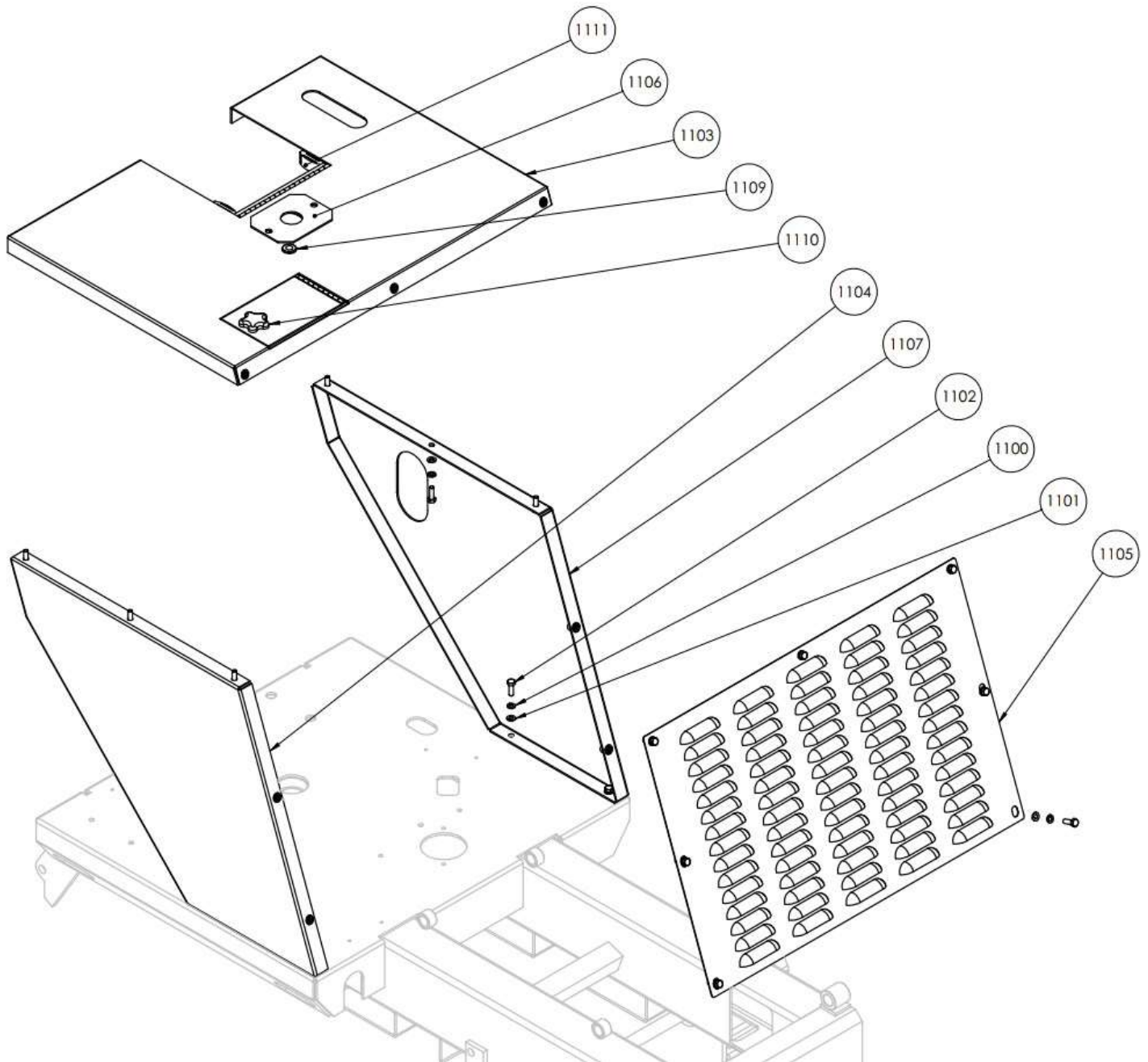


PLATFORM AND BRAKE ASSEMBLY – PARTS LIST 10

Item #	Part #	Description	QTY	Remarks
1000	60215	BUCKET SUPPORT PLATE	1	
1001	512120	(DB17) BUCKET, PLASTIC	1	
	60020	(DB21) BUCKET, STEEL	1	
1002	996277	(DB17) CARRIAGE BOLT, 3/8"-16 x 1-1/2" LG	10	
	996266	(DB21) CARRIAGE BOLT, 3/8-16 x 1-1/4" LG	10	
1003	14265	FENDER WASHER, 1/2"DIA	10	
1004	10902	LOCKWASHER, 3/8"	10	
1005	10901	HEX NUT, 3/8-16 UNC	10	

PARTS LIST 11 – BUGGY

ENGINE COMPARTMENT ASSEMBLY

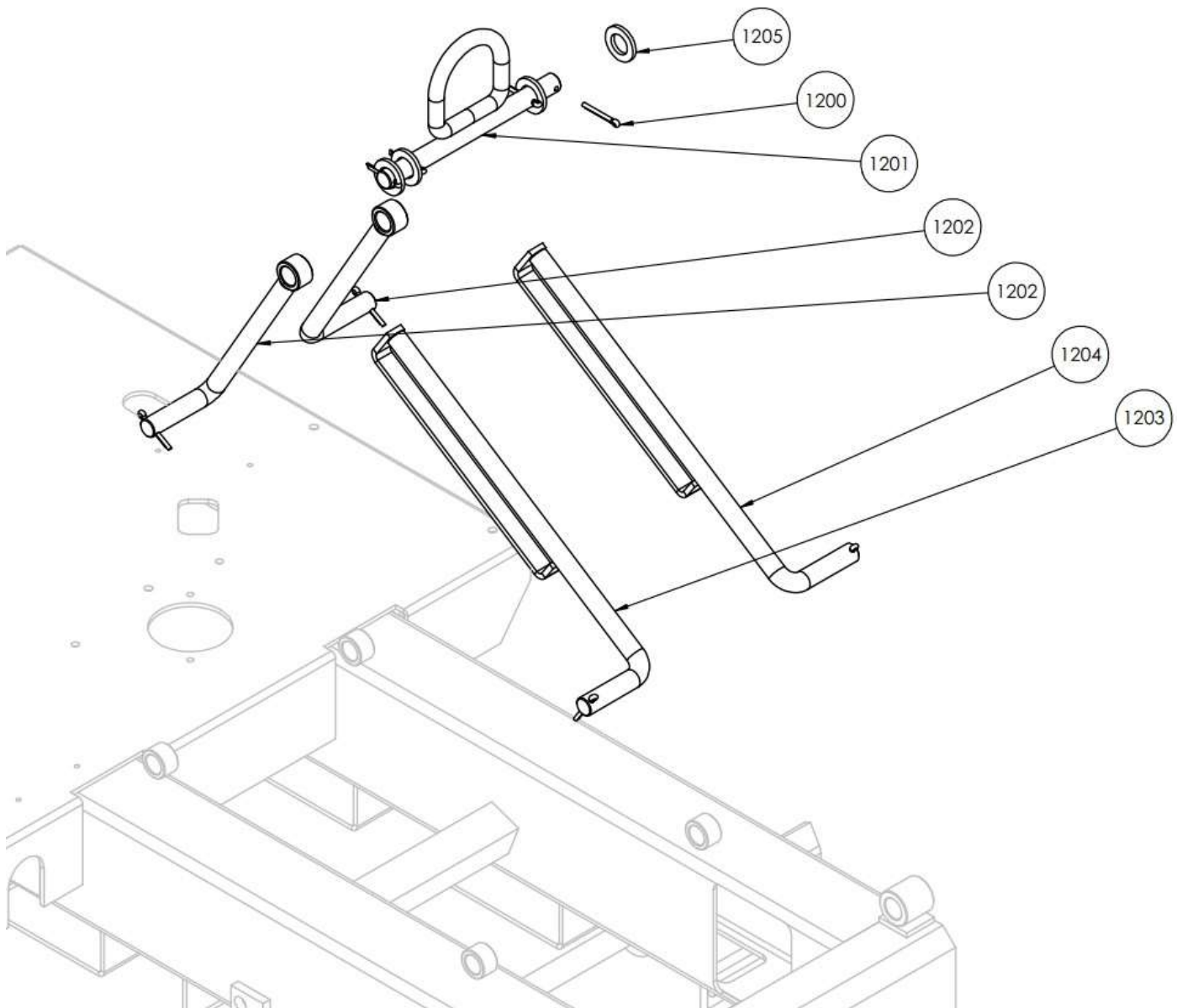


ENGINE COMPARTMENT ASSEMBLY – PARTS LIST 11

Item #	Part #	Description	QTY	Remarks
1100	11614	LOCKWASHER, M8	17	
1101	11667	WASHER, M8	17	
1102	11619	HHCS, M8-1.25 x 25MM LG.	17	
1103	60228	OPERATION PANEL	1	
1104	60229	RIGHT SIDE PANEL	1	
1105	60232	VENTILATION PANEL	1	
1106	60255	MOUNTING PLATE, STEERING	1	
1107	60235	LEFT SIDE PANEL	1	
1109	12697	GROMMET	1	
1110	60227	KNOB, PANEL	1	
1111	60238	DOOR MAGNET	3	

PARTS LIST 12 – BUGGY

LIFTING POINT ASSEMBLY



LIFTING POINT ASSEMBLY – PARTS LIST 12

Item #	Part #	Description	QTY	Remarks
1200	60180	COTTER PIN, M5 x 40MM	8	
1201	60240	HANDLE, LIFT	1	
1202	60241	SUPPORT ROD A	2	
1203	60242	SUPPORT ROD B	1	
1204	60244	SUPPORT ROD C	1	
1205	60226	WASHER, M22	4	

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