

POWER BUGGY INSTRUCTION MANUAL

morrison

CONCRETE EQUIPMENT

INSTRUCTION MANUAL & PARTS BOOK

POWER BUGGY (Original Language)

DB17/DB21



POWERFUL - EFFICIENT - DEPENDABLE

POWER BUGGY INSTRUCTION MANUAL

PARTS LIST

*Electric
Start
Models

ITEM	PART #	Description	QTY	ITEM	PART #	Description	QTY
* 1	50622	Locknut, M6	4	30	31135	SHCS, M6 - 1.0 x 16mm LG	4
* 2	14447	Flat Washer, M6	4	31	14448	Lock Washer, M6	4
* 3	60003	Hold Down Bar	1	32	60032	Fan	1
* 4	60004	Positive Wire	1	33	10056	Set Screw - M8-1.25 x 25mm	4
* 5	60005	Battery	1	34	60034	Shaft Coupling A	1
* 6	60006	Negative Wire	1	35	60035	Cushion Block	1
* 7	60007	Threaded Rod	2	36	60036	Shaft Coupling B	1
8**	21356	Honda GX390 (13HP) Electric Start	1	37	760545	Woodruff Key	1
	21335	Honda GX390 (13HP) Pull Start	1	54	61054	Oil Cap Base P/O 61055	1
	21390	Briggs and Stratton Vanguard 18HP	1	55	61055	Oil Cap Base + Filter Assy.	1
9	60009	Key, 1/4" SQ x 1 3/4" LG.	1	56	60056	Oil Cap	1
10	13888	HHCS, 3/8" - 16 x 3" LG, DB17	4	57	60057	Tank	1
	10103	HHCS, 5/16" - 18x3"LG, DB21	4	58	10317	Locknut, 3/8" - 16	1
11	10905	Flat Washer, 3/8", DB17	6	59	14446	HHCS, M6 - 10 x 12mm	2
	11586	Flat Washer, 5/16", DB21	4	60	60060	Oil Filter Head	1
12	10317	Locknut, 3/8" - 16, DB17	4	62	60062	Fitting, 3/8" MJIC - 3/4" MP7	2
	10108	Locknut, 5/16" - 18, DB21	4	64	60064	Hose, Valve to Filter	1
13	60013	Chassis Assembly	1	65	60065	Oil Filter	1
14	10187	Isolation Mount		66	60066	Hose, Filter to Pump	1
15	60015	Fitting, 5/8" MJIC-MORB	4	68	60021	Fitting, 3/8" MJIC-MORB	2
17	60017	Pump Housing	1	69	10905	Flat Washer, 3/5"	1
18	60259	Hose, tank to charge pump	1	70	13888	HHCS, 3/8" - 16 x 3"LG	1
21	60021	Fitting, 3/8" MJIC-MORB	2	71	11834	SHCS, M10 - 1.5 x 16mm	1
23	60023	Hose, pump to tank	1	72	60072	Sealing Washer - 10	1
24	10317	Locknut, 3/8" - 16	1	76	60076	Hose I, pump to dump valve	1
25	760516	Hydraulic Pump	1	77	60077	Dumping Knob	1
26	60015	Fitting, 5/8" MJIC-MORB	1	78	60078	Pin - M6 x 20	1
28	10905	Flat Washer, 3/8"	4	79	60079	Dumping Lever	1
29	10506	HHCS, 3/8" - 16 x 2 1/2"LG	4	80	60080	Yoke End	2

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800-889-0661

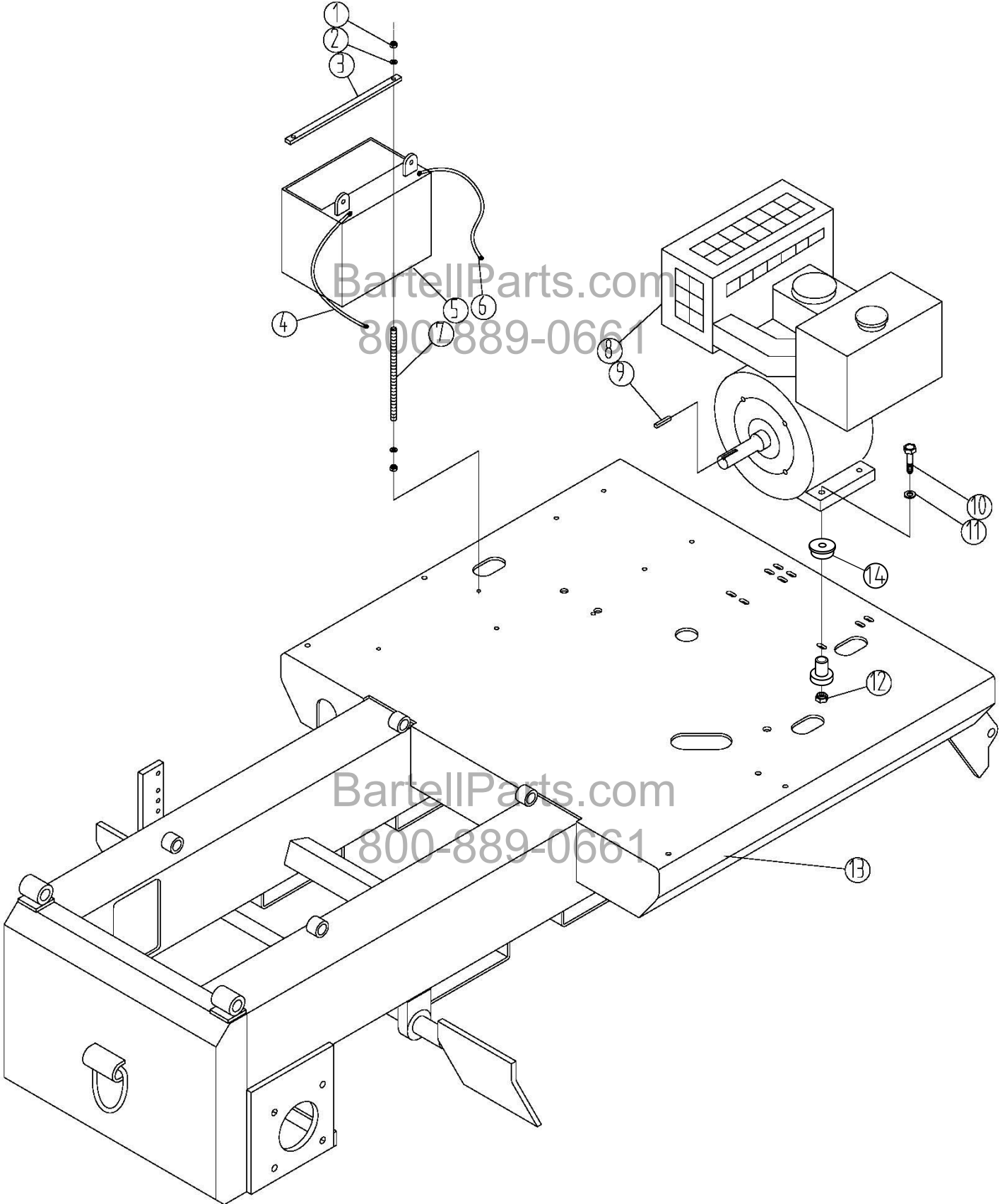
** 21356 - Honda GX390 (13 HP) Electric Start
21335 - Honda GX390 (13 HP) Pull Start
21390 - Briggs & Stratton Vanguard 18 HP

* Serial 106584 & Higher

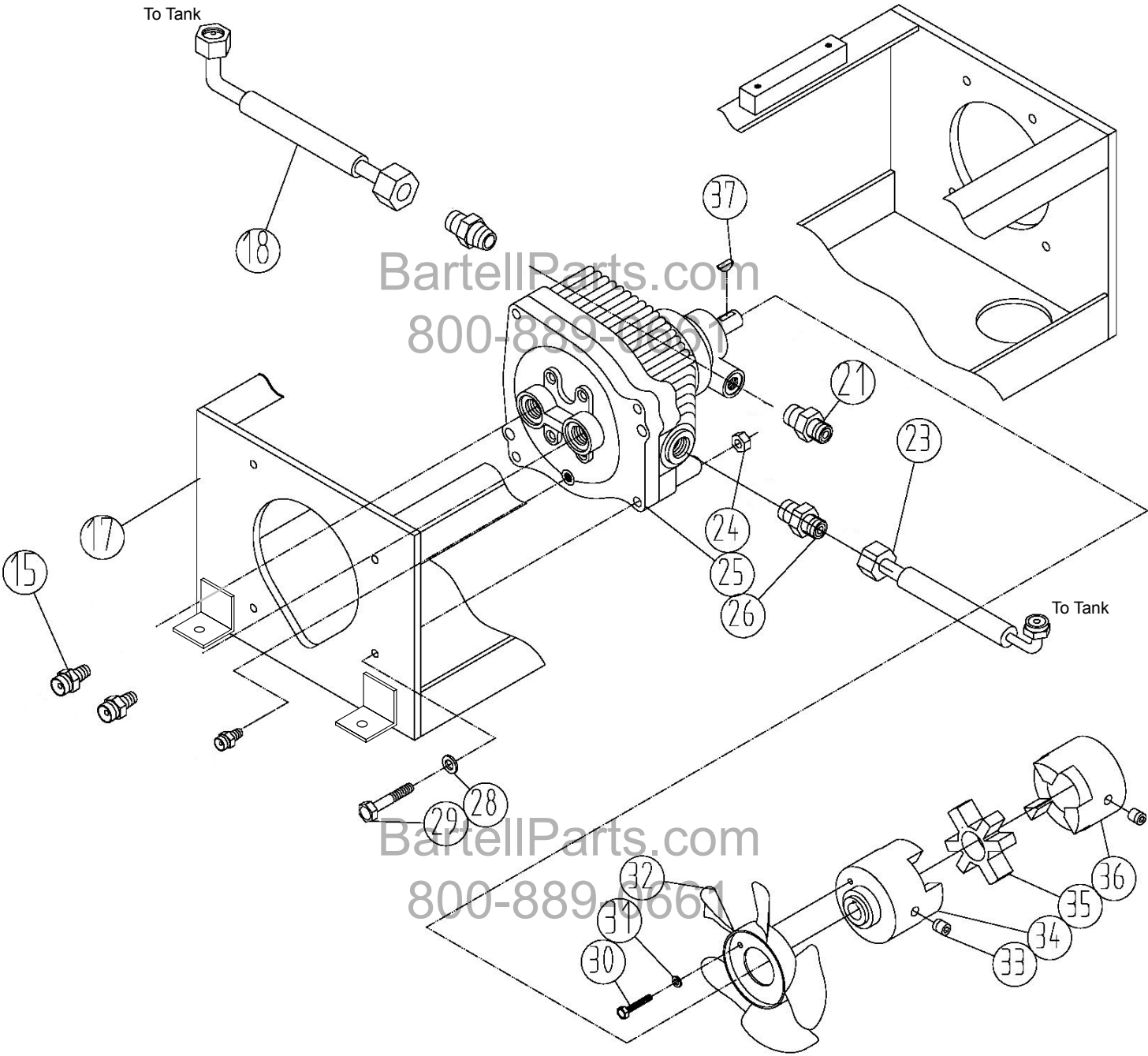
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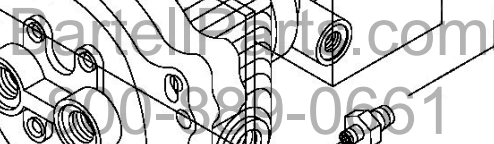
ASSEMBLY DIAGRAM



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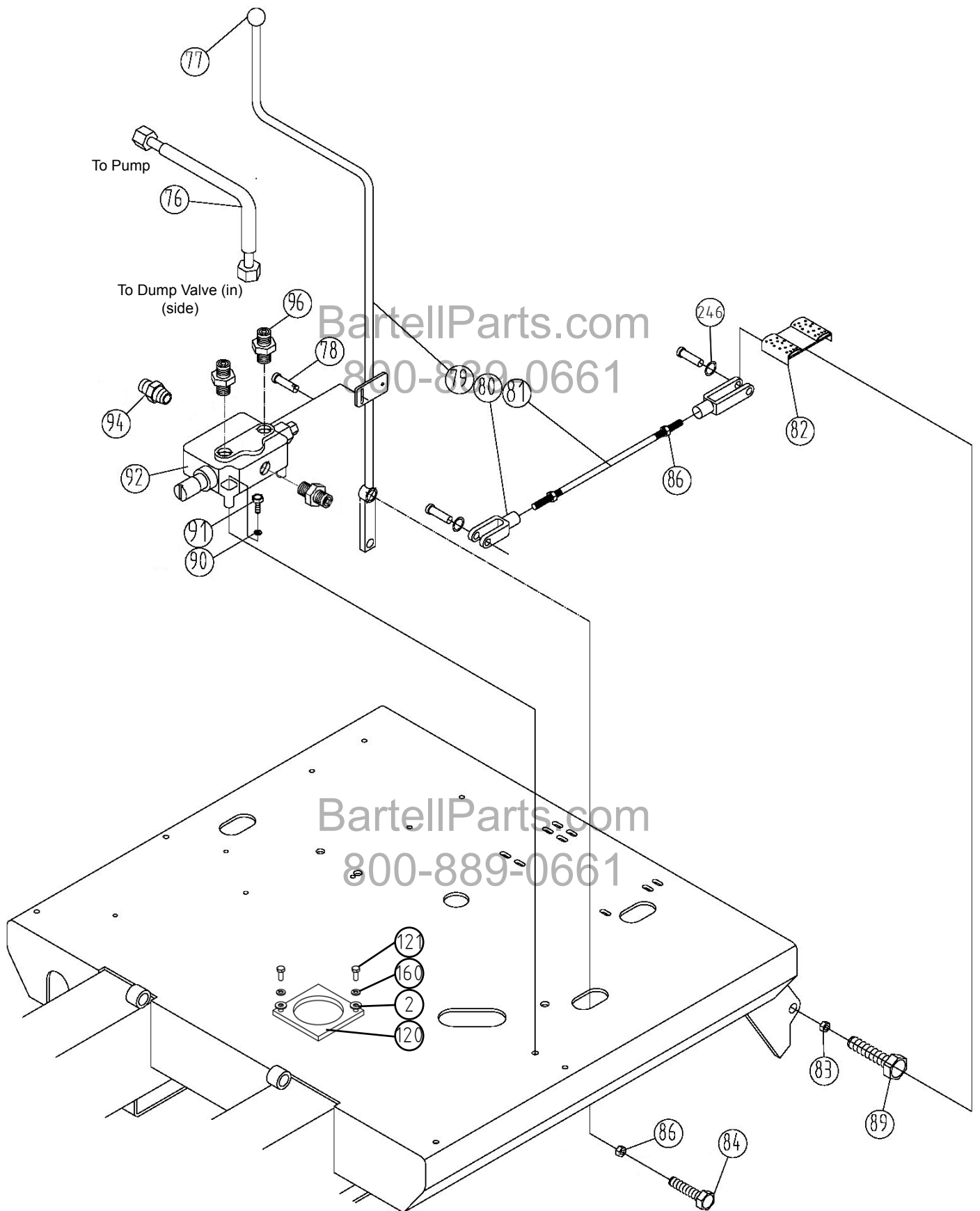


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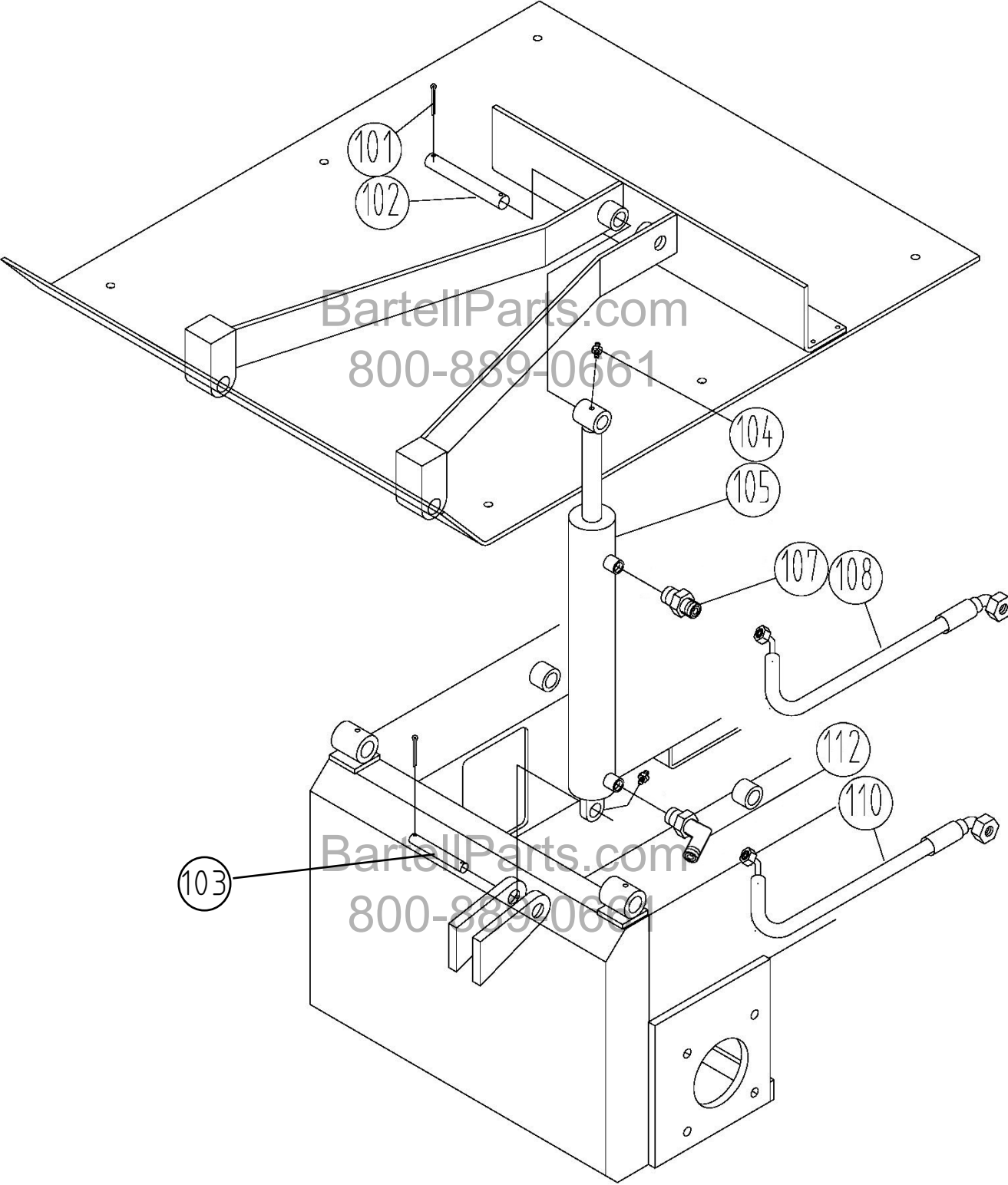
PARTS LIST

ITEM	PART #	Description	QTY	ITEM	PART #	Description	QTY
81	60081	Rod	1	129	60225	Cotter Pin, M5 x 36mm	1
82	60082	Dumping Peddle	1	130	---	Castle Nut (part of #122)	1
83	60138	Locknut, M16	4	131	60053	Front Wheel (foam) (air)	4
84	60084	HHCS, M12 - 1.75 x 130mm LG	1		60051		
86	60086	Hex Nut - M10 - 1.25	1	132	60132	Connection Tube	2
89	60089	Bolt, M16 - 1.5 x 130mm LG	1	133	10735	Lockwasher, M12	8
90	10521	Lockwashher, 1/4"	6	134	60134	HHCS, M12 - 1.75 x 45mm LG	8
91	12532	HHCS, 1/4" - 20 x 1 1/2"	2	135	60184	Tire Nut - M12	8
92	897757	Dumper Control Valve	1	136	60136	HHCS, M16 - 2.0 x 50mm LG	8
94	897462	Fitting, 1/4" MJIC - 1/2" MORB	4	137	10556	Clamp	1
96	897463	Fitting, 3/8" MJIC - 5/8" MORB	2	138	60138	Locknut - M16	8
101	60155	Cotter Pin, M2.5 x 16mm	4	140	60261	Spring Return	1
102	60102	Rod, Long	2	141	60264	Spacer	1
103	60103	Rod, Short		142	60262	Threaded Rod, 1/4" - 28 x 2 1/2"	1
104	60104	Grease Fitting	5	143	10329	Jam Nut, 1/4" - 28	1
105*	60105	Hydraulic Cylinder (DB17)	1	144	50351	Washer, 5/8"	1
	60305	Hydraulic Cylinder (DB21)		145	52256	Lockwasher, 5/8"	1
107	60107	Fitting, 1/4" MJIC - 1/4" MPT	2	146	12669	HHCS, 5/8" - 18 x 1 1/2"	1
108	60108	Hose, valve to cyl (ext)	1	147	61147	Speed Control Bracket	1
110	60110	Hose, valve to cyl (retr.)	1	148	760540	Woodruff Key	1
111	897466	Fitting, 5/8" MJIC - MORB TEE	2	149	10581	Nut, 1/4 - 20	2
112	60112	Fitting, 45 deg., 1/4" MJIC - 1/4" MPT	1	150	50316	HHCS, 1/4" - 20 x 1" LG	2
				151	60263	Rod End	3
117	60256	Hose, motor to motor	1	152	61152	Throttle Control Cable	1
118	60265	Hose, pump to left motor	1	153	61151	Neutral Control Cable	1
119	60266	Hose, pump to right motor	2	154	60154	Pin, 6 x 45mm	1
120	60120	Edge Protector	1	155	60155	Cotter Pin, 2.5 x 16mm	1
121	11746	HHCS, M6 - 1.0 x 16mm	2	156	10102	HHCS, 5/16" - 18 x 2 3/4" LG	1
122	760146	Hydraulic Motor	2	157	11472	Locknut, 5/16" - 18	1
124	60015	Fitting, 5/8" MJIC - MORB	4	158	60158	Forward Control Handle	1
126	---	Key (part of #122)	1	159	51058	HHCS, M6 - 1.0 x 20	2
127	62202	Connection Block	1	160	11620	Lockwasher, M6	2
128	10330	HHMS, #10 - 32 x 5/8"	1				

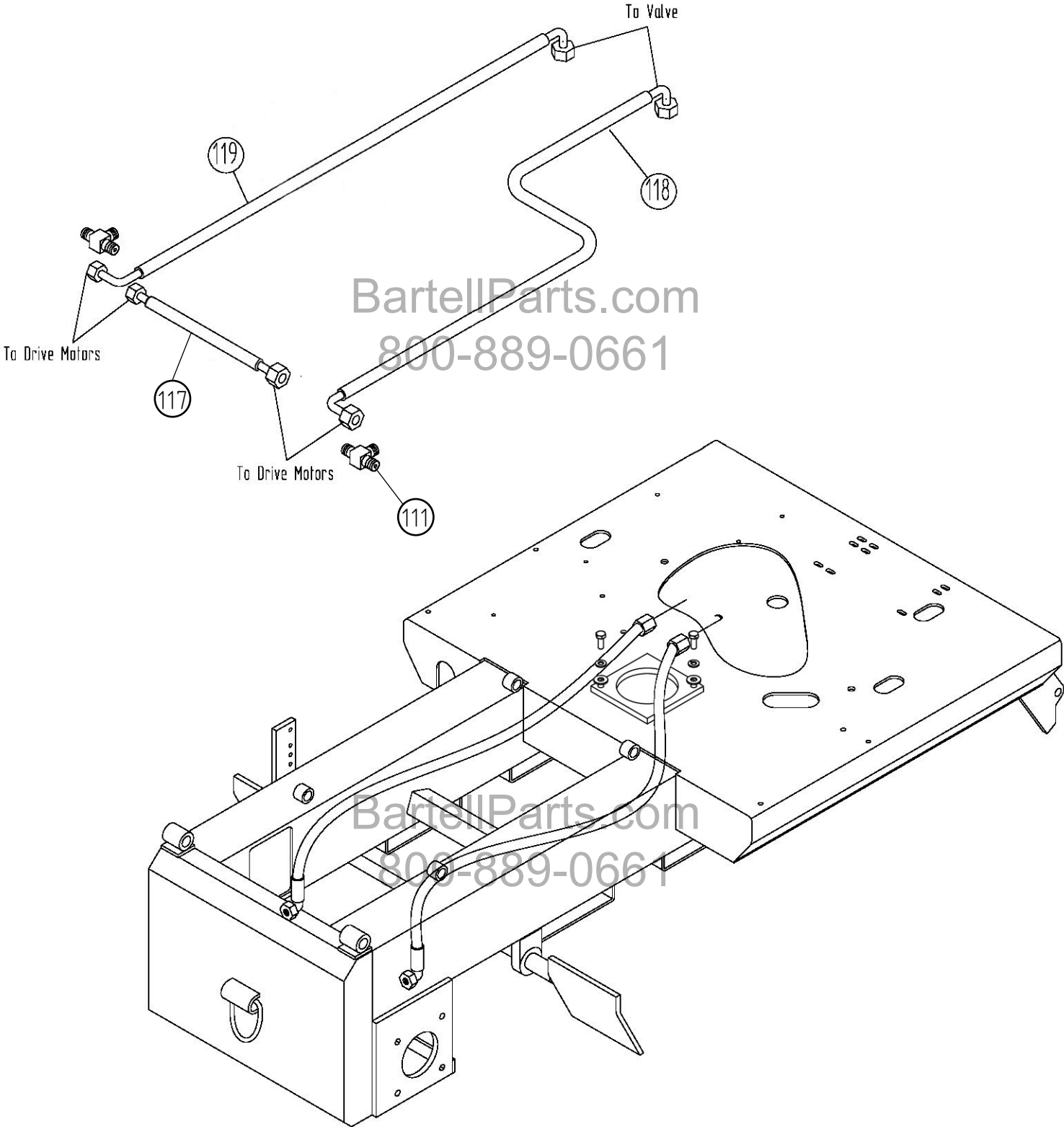
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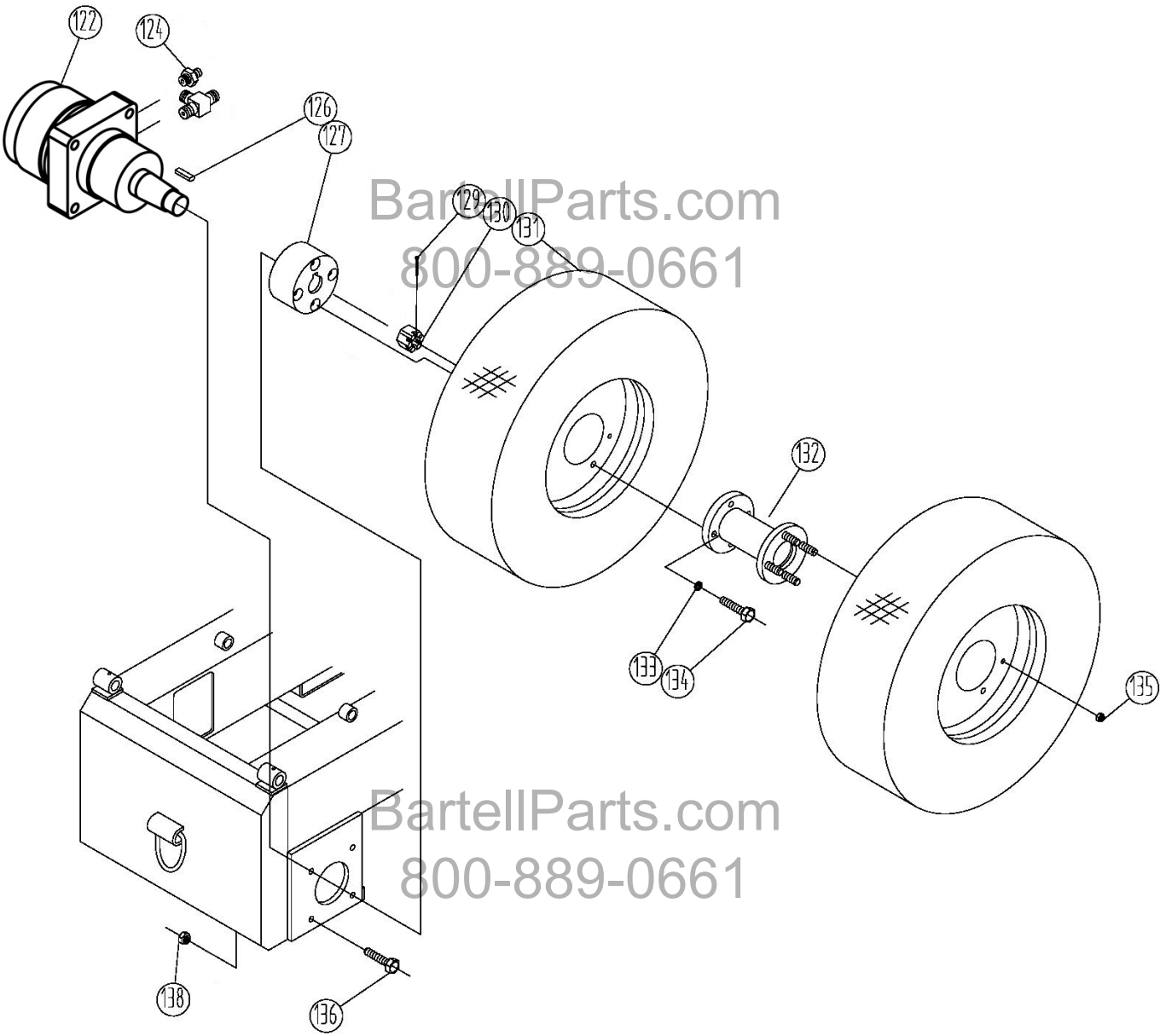
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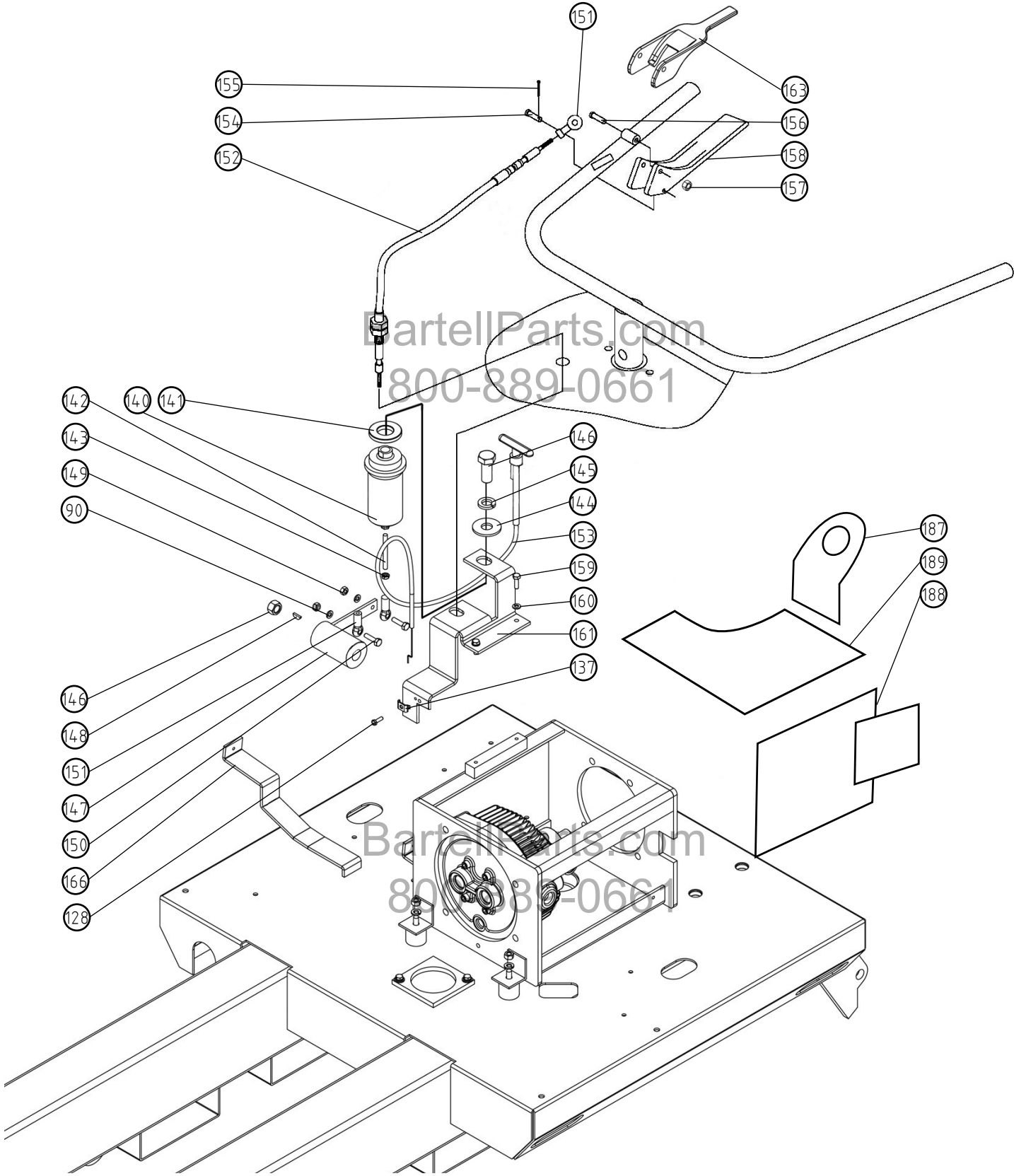
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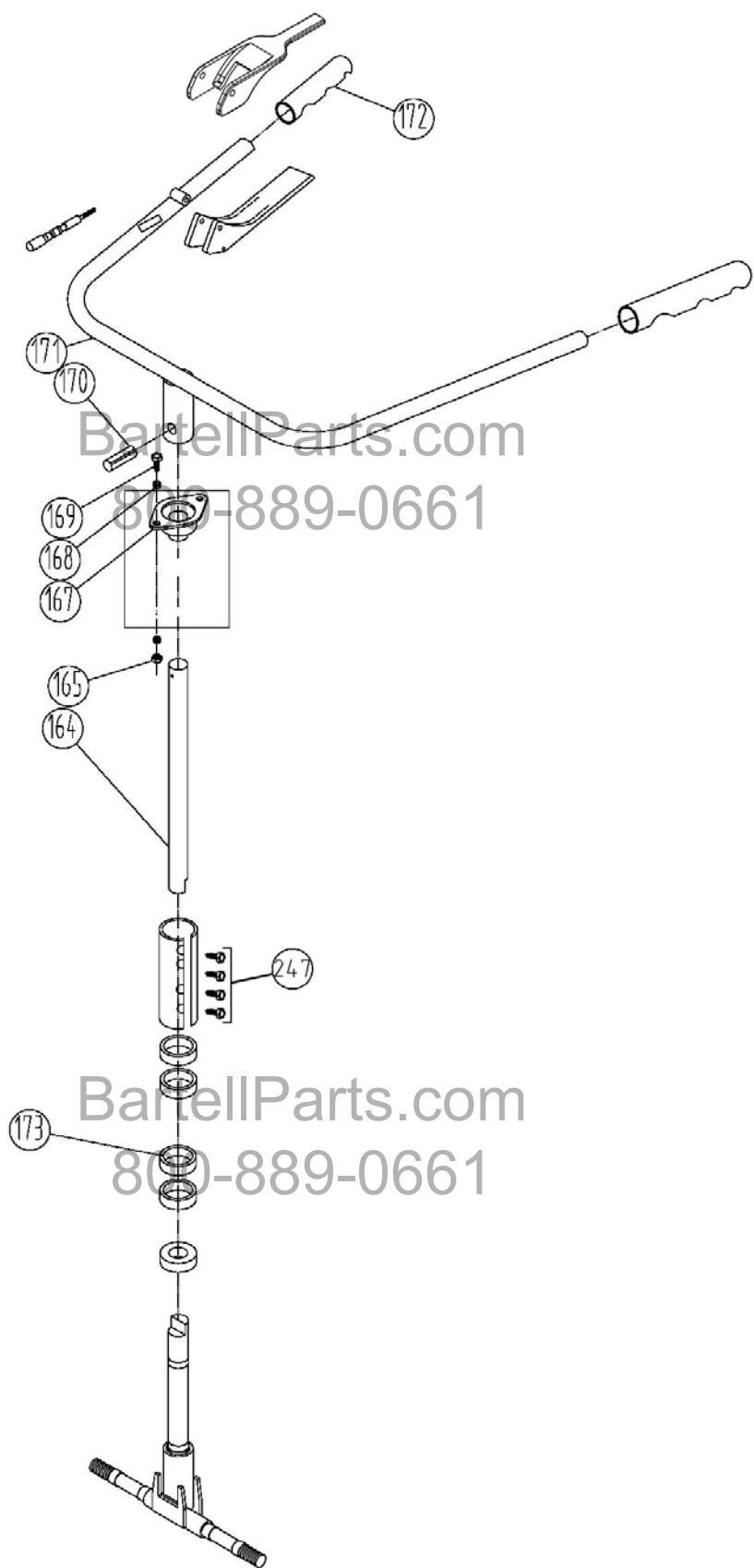


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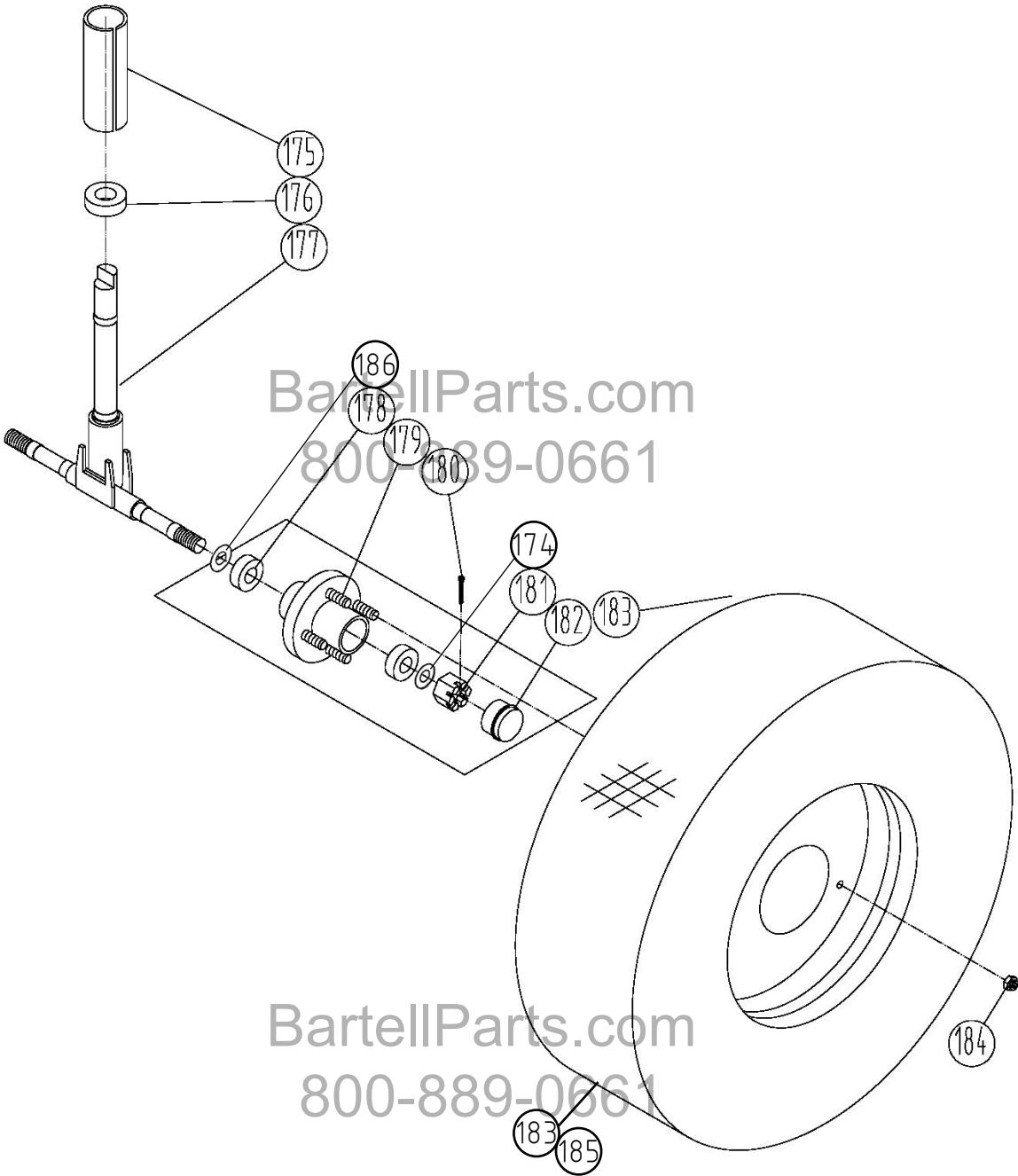
PARTS LIST

ITEM	PART #	Description	QTY	ITEM	PART #	Description	QTY
161	60260	Controls Bracket	1	203	10956	Locknut, M12 - 1.75	2
162	60162	Housing	1	204	60830	Bolt - M16 - 1.5 x 40mm	2
163	61158	Reverse Control Handle	1	205	60205	Yoke End	2
164	60164	Steering Shaft	1	206	60206	Brake Pedal	1
165	10956	Locknut, M12-1.75	2	207	60138	Locknut, M16- 1.5	2
166	60257	Neutral Lever	1	208	31180	HHCS, M12 - 1.75 x 30mm	2
167	60167	Flange Bearing	1	209	10956	Locknut, M12 - 1.75	2
168	14267	Flat Washer - M12	2	210	996266	Carriage Bolt, 3/8" - 16 x 1 1/4"	10
169	10955	HHCS, M12 - 1.75 x 40mm	2	211	14265	Fender Washer, 1/2" (DB17)	10
170	61170	Spring Pin - 10 x 50	1			Fender Washer, 1/2" (DB21)	20
171	60171	Steering Handle	1	213	10902	Lock Washer, 3/8"	9
172	60172	Handle Grip	2	214	10901	Nut, 3/8" - 16	9
173	60173	Bearing - 6907Z	4	215	60215	Bucket Support Plate	1
174	60174	Bushing	1	216	512120	Bucket (plastic) (DB17)	1
175	60175	Locking Sleeve	1		60020	Bucket (steel) (DB21)	1
176	60176	Clutch Bearing - 688808	1	219	60255	Mounting Plate	1
177	60177	Axle	1	220	30843	Locknut, M5	8
178	60178	Bearing Cone & Cup	4	221	60221	Poly Cushion Plate	2
179	60179	Hub	2	222	60222	HHCS, M5 x 25mm	8
180	60180	Cotter Pin - 5 x 40	2	223	60104	Grease Fitting	4
181	60181	Castle Nut - M24	2	224	60224	Rod	1
182	60182	Dust Cap	2	225	60225	Cotter Pin, 5 x 36mm	2
183	60183	Steering/Rear Tire (air)	2	226	60226	Flat Washer, M22	2
184	60184	Wheel Nut, M12 - 1 .5	8	227	60227	Knob	1
185	60185	Steering/Rear Tire (foam)	2	228	60228	Operation Panel	1
186	60186	Inner Bearing Hub Seal	1	229	60229	Ride Side Panel	1
187	60187	Lift Bracket	1	230	11043	Flat Washer, 1/4" USS	17
188	60188	Side Guard	1	231	11619	Bolt - M8 x 25	17
189	60189	Top Guard	1	232	60232	Ventilation Panel	1
190	61190	Riding Stand 1	1	235	60235	Left Side Panel	1
191	60191	Riding Stand 2	1	236	60236	Grommet	1
192	60192	Hand Brake	1	237	11614	Lockwasher, M8	17
193	10453	HHCS, M8 - 1.25 x 50mm	3	238	60238	Door Magnet	3
194	11615	Locknut, M8 - 1.25	3	239	60239	Screw, M4 - 0.7 x 10mm	6
195	11617	Nut, M8 - 1.25	3	240	60240	Handle	1
196	60196	Hand Brake Cable	1	241	60241	Support Rod A	2
197	60197	U Shape Connector	2	242	60242	Support Rod B	1
198	60198	Cotter Pin, 3.2 x 16mm	1	243	60180	Cotter Pin, 5 x 40mm	2
199	60199	Pin, 8 x 35mm	1	244	60244	Support Rod C	1
200	61200	Rod	1	245	31013	Hex Nut, M12 x 1.25	1
201	62201	Spring, Foot Brake	1	246	60083	C-Clip 10mm	1
202	60084	HHCS, M12 x 130mm	1	247	10042	SHCS M6x20mm	4

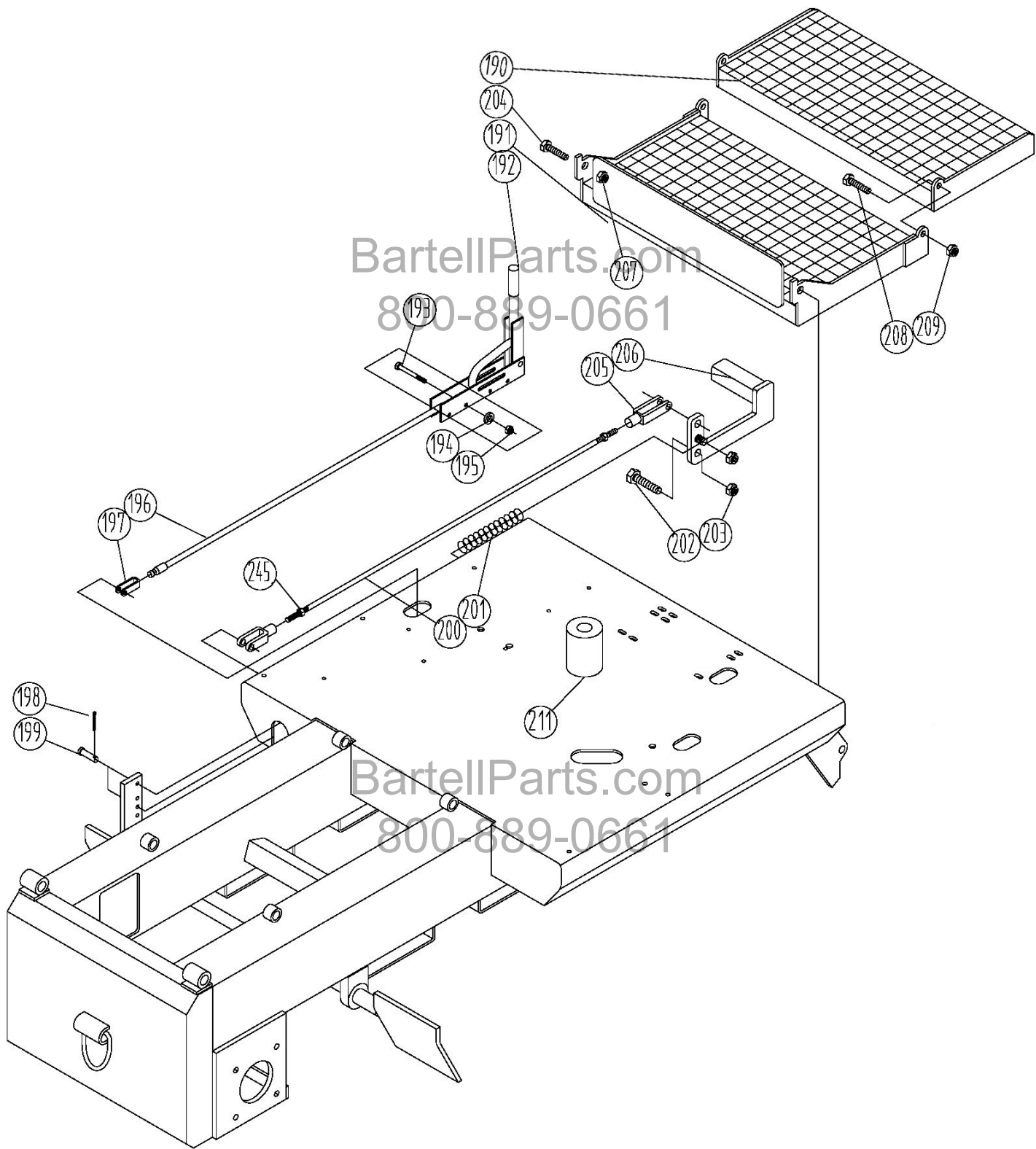
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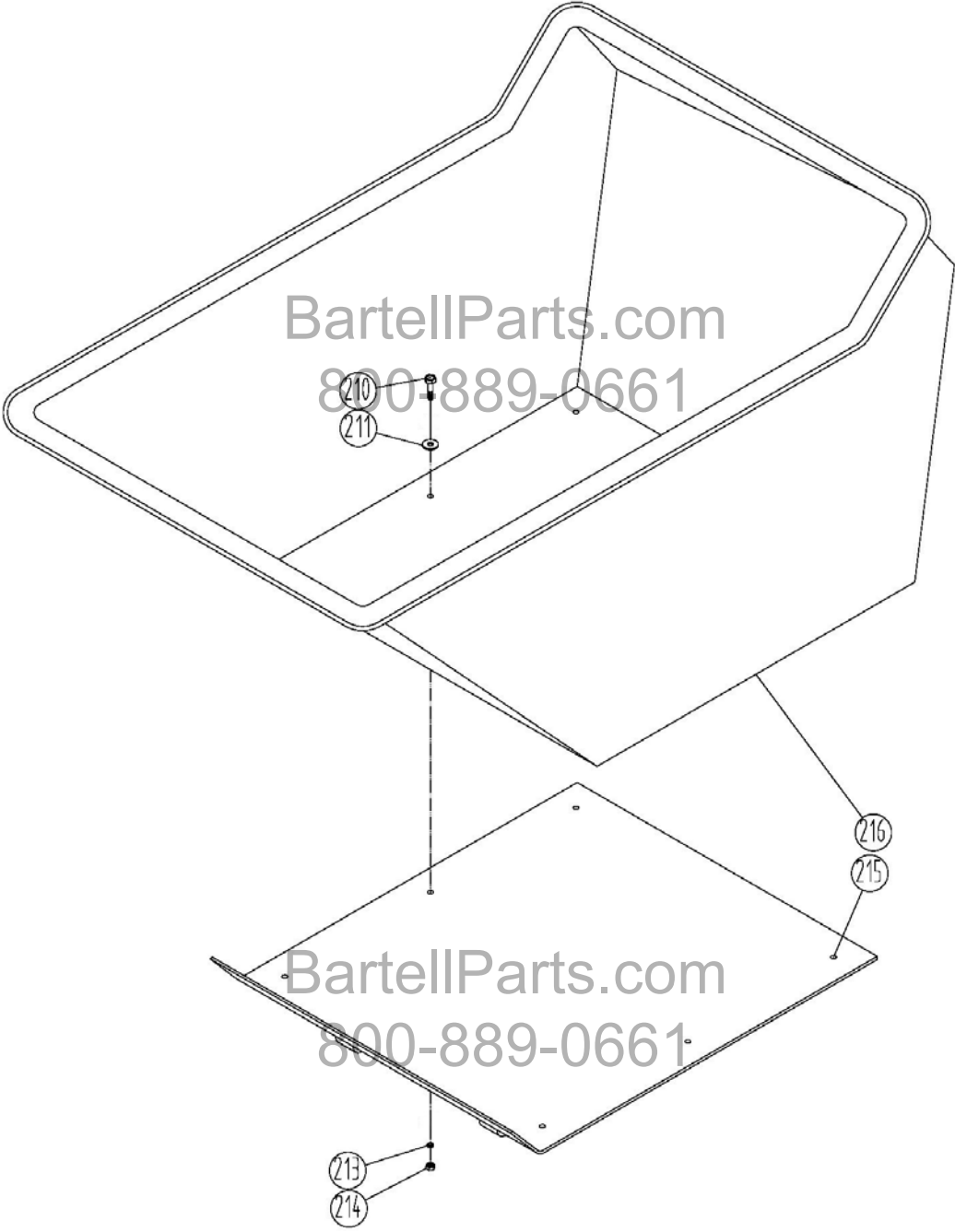


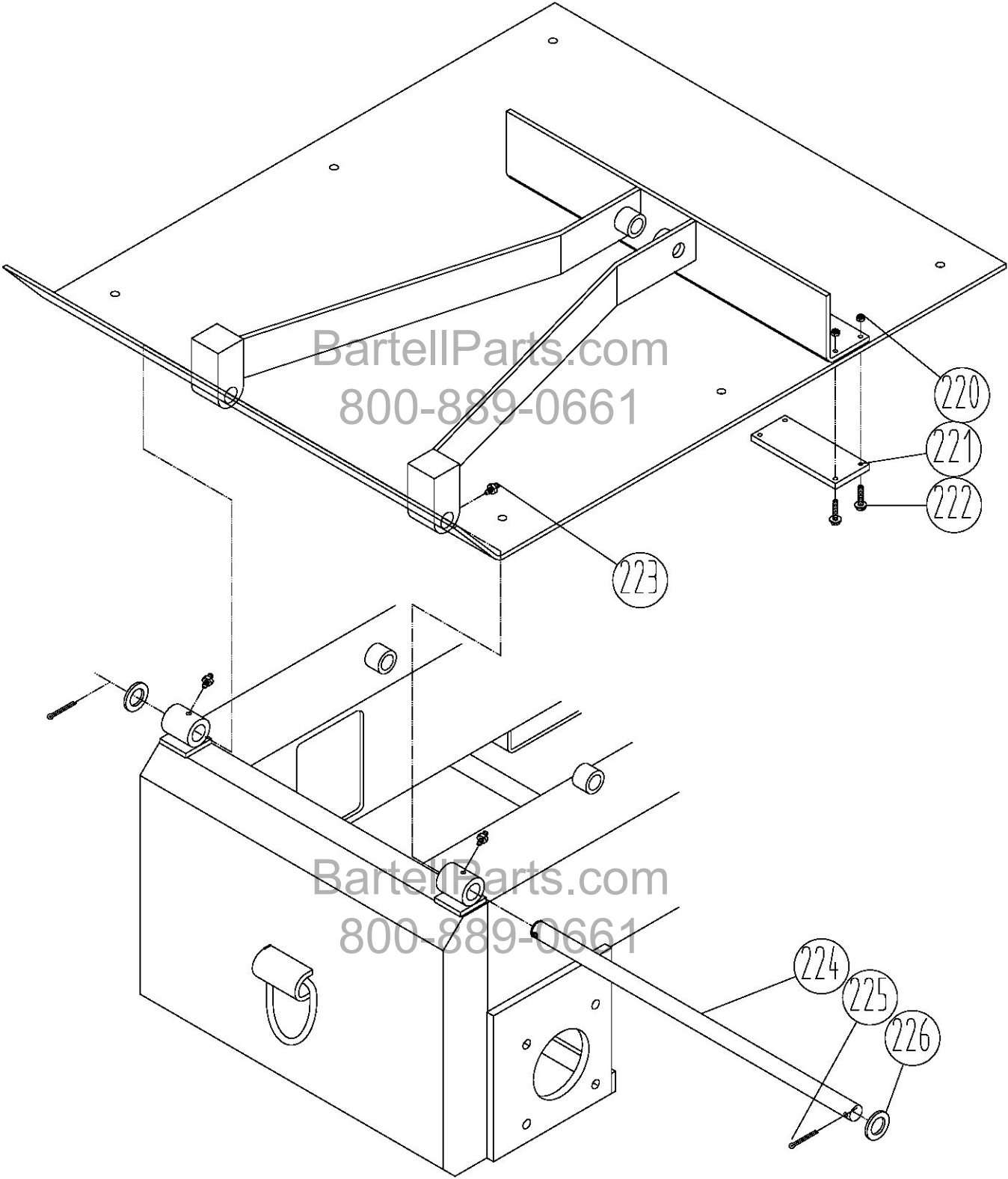
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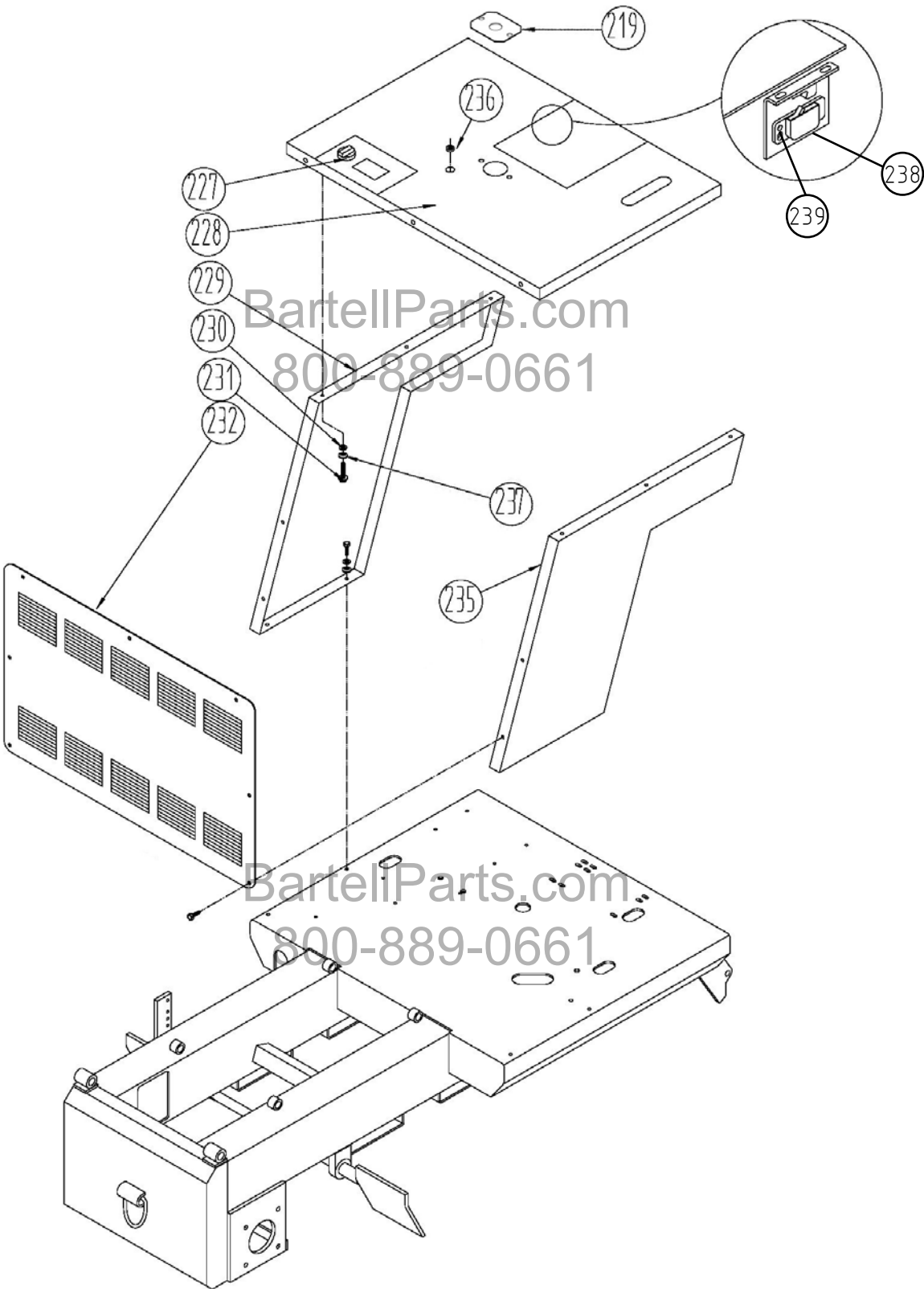
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