



**BARTELL  
GLOBAL**

**PARTS  
BOOK**

# **RIDE-ON TROWEL**

BXR836, BXR836PRO



Doc. # PB-B19010  
Orig. Rel. - 10/2019  
Curr Rev. - 03



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**ORIGINAL LANGUAGE OPERATING MANUAL FOR  
BARTELL RIDE-ON TROWELS**

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REV.	DATE	DESCRIPTION	APPROVED BY:
0	10/2019	Updated to new format, added transporter kit parts list	A. Nakkila
1	01/2021	Fixed some part numbers	A. Nakkila
2	04/2021	Added Propane Parts	A. Nakkila
3	06/2023	Updated Parts List 1,4,5	



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## PARTS LIST 1 – RIDE ON TROWELS

### **BXR836, FRAME**

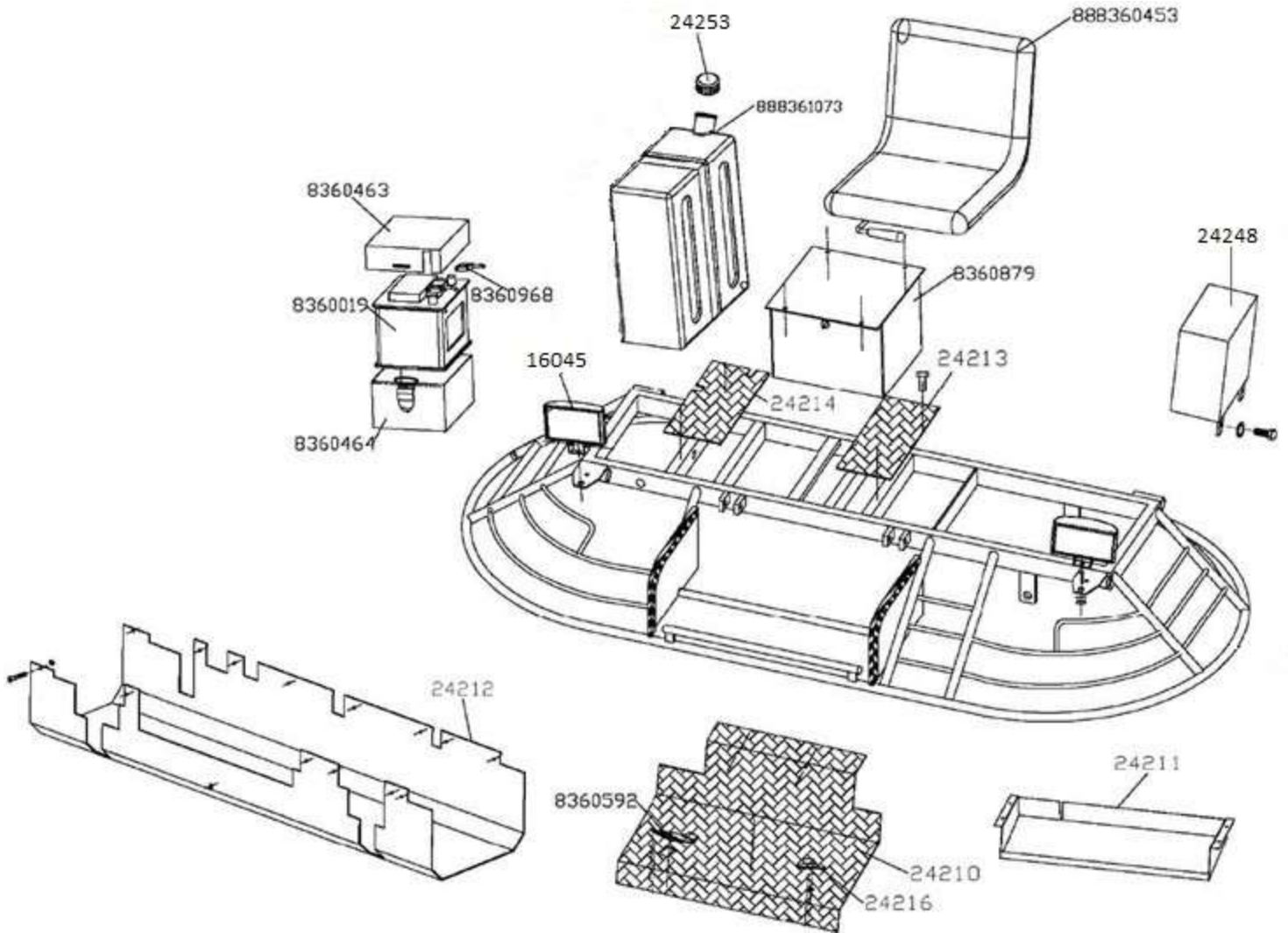


Figure 1: Frame



**BXR836, FRAME – PARTS LIST 1**

Part #	Description	QTY	Remarks
24210	FOOT BOARD	1	
24211	COVER BOARD, THROTTLE	1	
24212	COVER BOARD, BOTTOM	1	
24213	COVER BOARD	1	
24214	COVER BOARD	1	
8360879	TOOLBOX	1	
8360453	SEAT	1	
24248	COVER, CLUTCH	1	
888361073	WATER TANK, PLASTIC	1	
24253	WATER TANK CAP	1	
8360464	BATTERY BOX	1	
8360019	BATTERY	1	
8360463	BATTERY COVER	1	
8360968	CONNECTOR, BATTERY	1	
8360592	THROTTLE CONTROL	1	
24216	SAFETY SWITCH	1	
16045	LED LIGHT	2	

## PARTS LIST 2 – RIDE ON TROWELS

### **BXR836, GAS POWER PLANT**

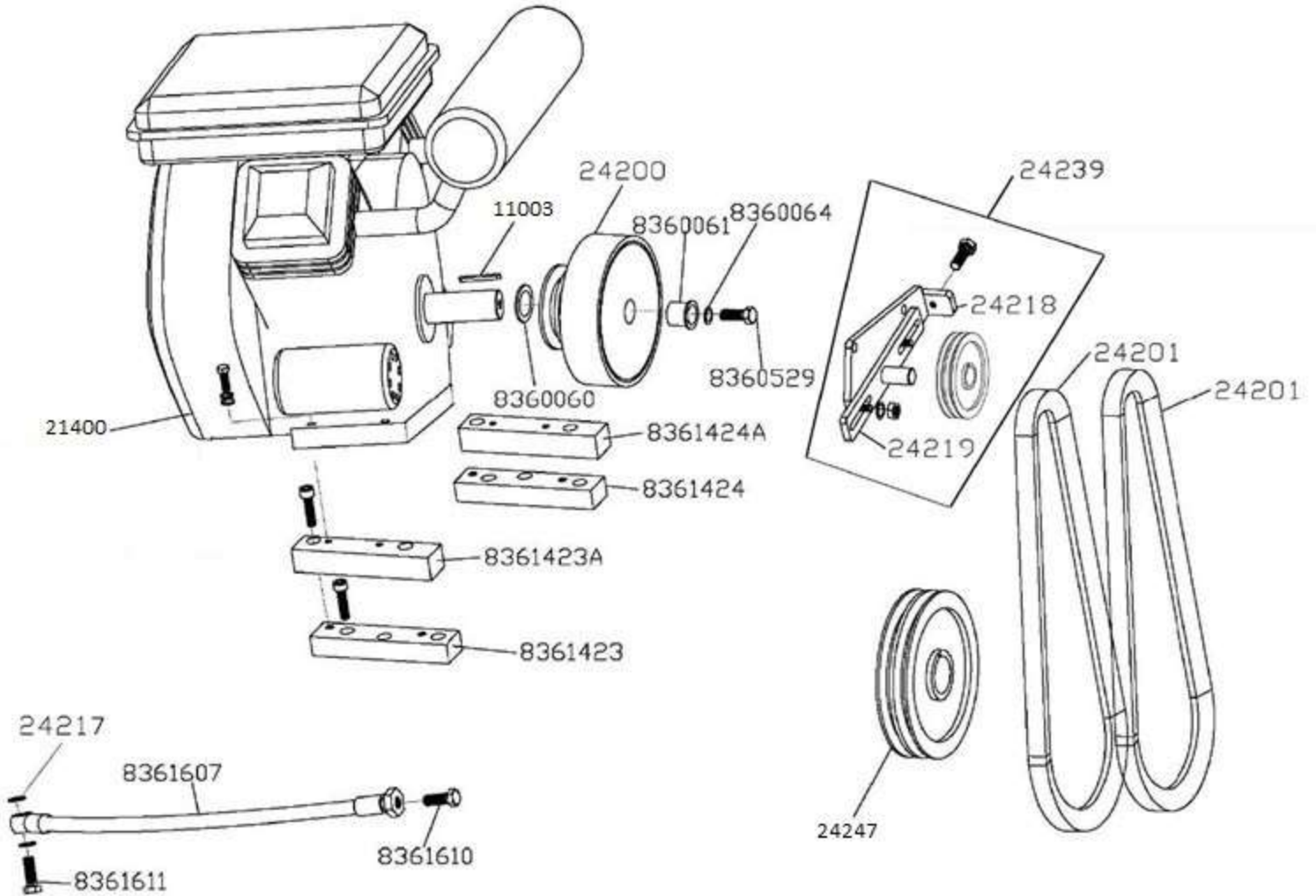


Figure 2: Power System





**BXR836, GAS POWER PLANT – PARTS LIST 2**

Part #	Description	QTY	Remarks
21400	HONDA GX690	1	
8361423	ENGINE MOUNTING BAR	1	
8361423A	ENGINE MOUNTING BAR	1	
8361424	ENGINE MOUNTING BAR	1	
8361424A	ENGINE MOUNTING BAR	1	
24200	CLUTCH	1	
8360060	WASHER	1	
8360061	BUSHING	1	
8360064	WASHER	1	
8360529	BOLT	1	
11003	KEY, ¼" SQ x 2"	1	
8361607	OIL PIPE	1	
24217	WASHER	1	
8361611	BOLT	1	
8361610	BOLT	1	
24247	PULLEY	1	
24218	MOUNTING PLATE, PULLEY	1	
24219	ADJUST PLATE, PULLEY	1	
24201	BELT, V15X880	2	
24239	BELT TENSIONER ASSEMBLY	1	

## PARTS LIST 3 – RIDE ON TROWELS

### **BXR836, PROPANE POWER PLANT**

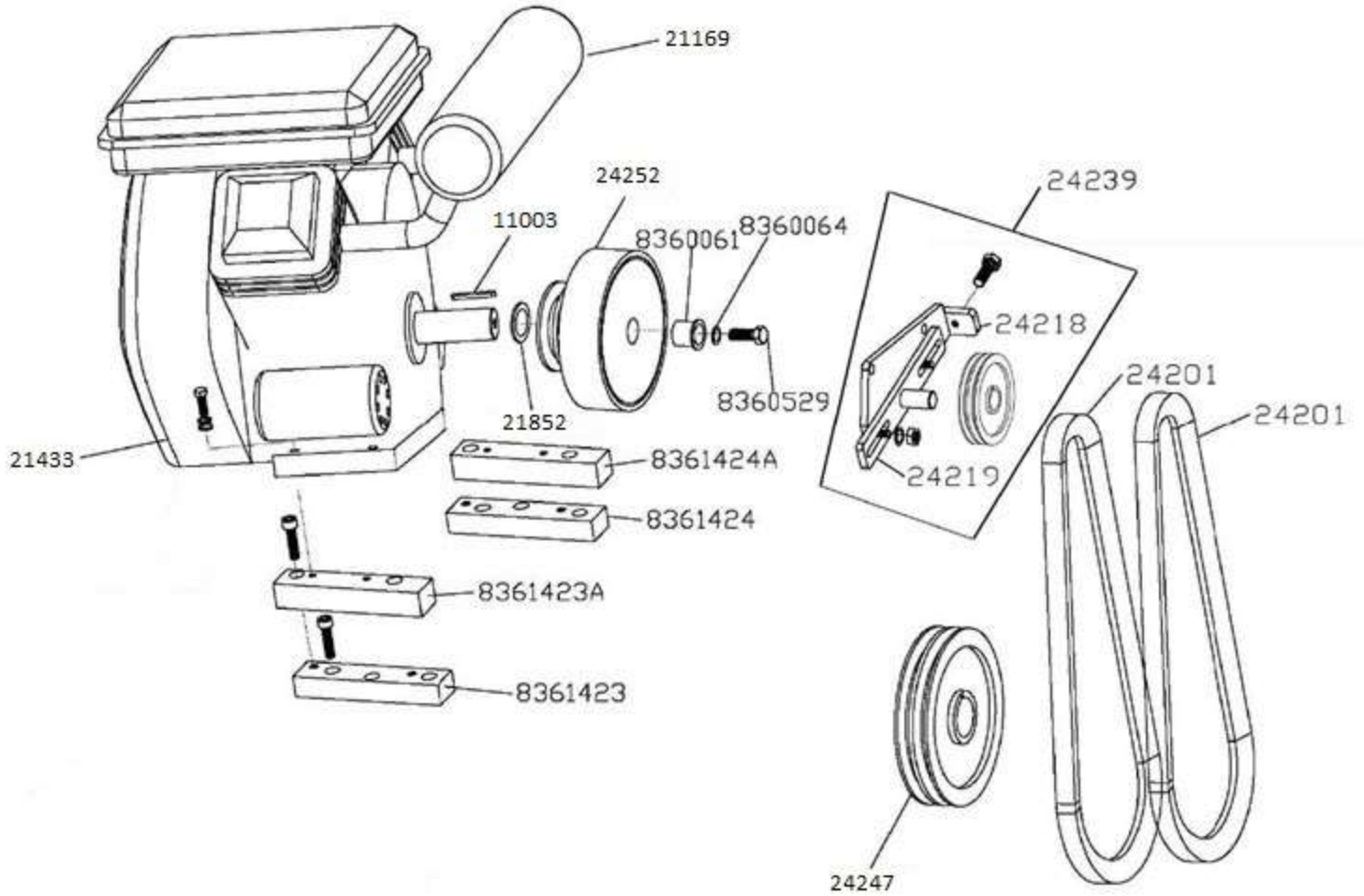


Figure 3: Power System



**BXR836, PROPANE POWER PLANT – PARTS LIST 3**

Part #	Description	QTY	Remarks
21433	B&S, 627CC, PROPANE	1	
8361423	ENGINE MOUNTING BAR	1	
8361423A	ENGINE MOUNTING BAR	1	
8361424	ENGINE MOUNTING BAR	1	
8361424A	ENGINE MOUNTING BAR	1	
24252	CLUTCH	1	
21852	SPACER	1	
8360061	BUSHING	1	
8360064	WASHER	1	
8360529	BOLT	1	
11003	KEY, ¼" SQ x 2"	1	
8361607	OIL PIPE	1	
24217	WASHER	1	
8361611	BOLT	1	
8361610	BOLT	1	
24247	PULLEY	1	
24218	MOUNTING PLATE, PULLEY	1	
24219	ADJUST PLATE, PULLEY	1	
24201	BELT, V15X880	2	
24239	BELT TENSIONER ASSEMBLY	1	
21169	CATALYTIC MUFFLER	1	
16177	EMMISSION DATE ANALYZER	1	NOT SHOWN
21854	REGULATOR MOUNT BRACKET	1	NOT SHOWN
24251	WIRING	1	NOT SHOWN
24250	KIT: HOSES, REGULATOR	1	NOT SHOWN
24265	PROPANE REGULATOR ASSEMBLY	1	NOT SHOWN
24266	PRESSURE REGULATOR	1	NOT SHOWN
24267	VALVE INLINE SHUT-OFF	1	NOT SHOWN

## PARTS LIST 4 – RIDE ON TROWELS

### **BXR836, DRIVING SYSTEM**

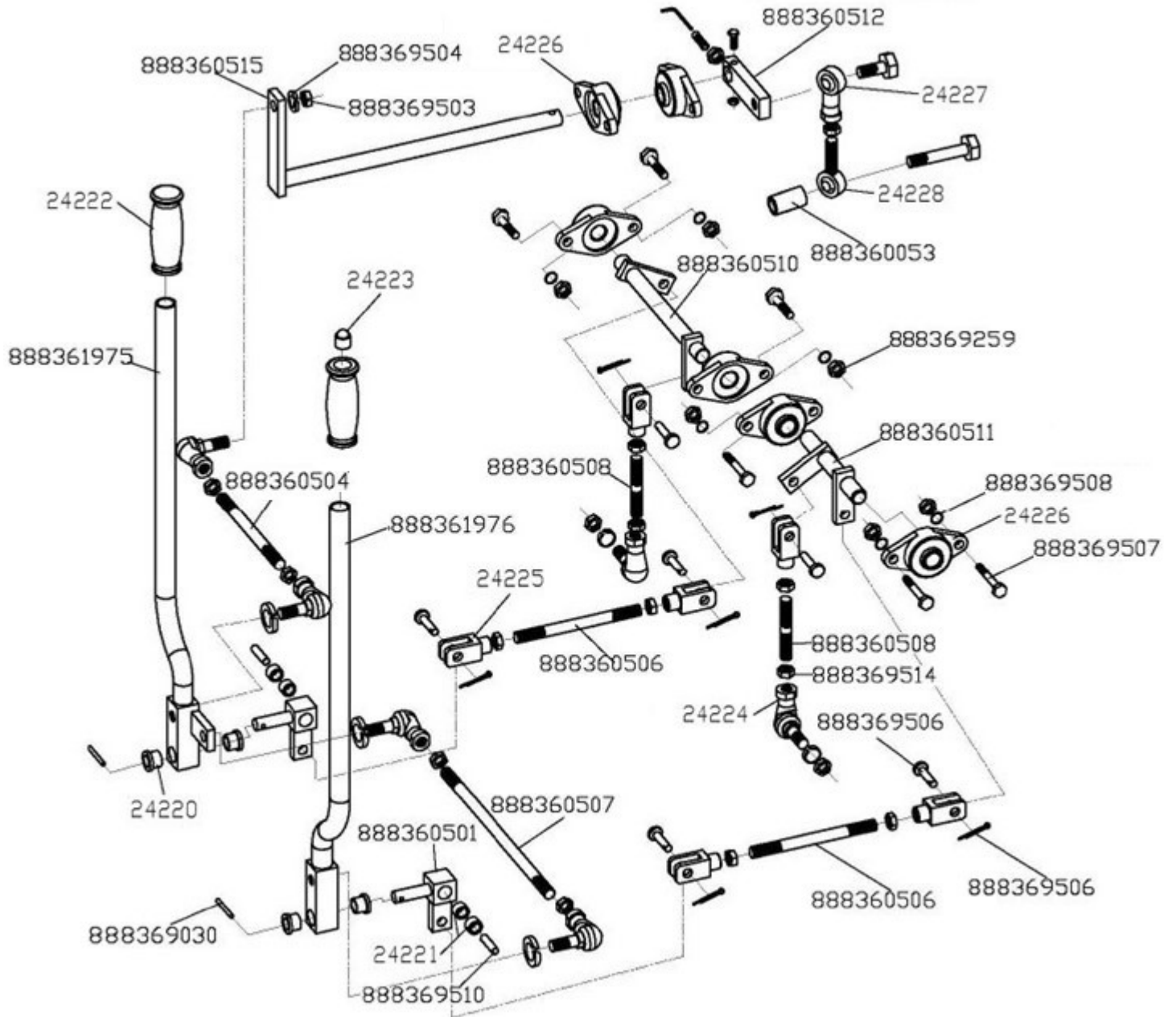


Figure 4: Driving System



**BXR836, DRIVING SYSTEM – PARTS LIST 4**

Part #	Description	QTY	Remarks
888361975	DRIVE LEVER, RIGHT	1	
888361976	DRIVE LEVER, LEFT	1	
888360501	T-CONNECTOR	2	
24220	BUSHING	4	
24221	BUSHING	4	
9030	LOCK PIN	2	
889502B	OIL CAP, STRAIGHT	2	NOT SHOWN
889502C	OIL CAP, 90 DEG	2	NOT SHOWN
24222	HANDLE GRIP	2	
24223	BUTTON, WATER SPRAY SYSTEM	1	
888360504	CONNECT SHAFT	1	
24224	CONNECT BEARING	6	
888360506	CONNECT SHAFT	2	
24225	U-CONNECTOR	6	
888360507	CONNECT SHAFT	2	
888360508	CONNECT SHAFT	2	
888360515	OSCILLATING SHAFT	1	
24226	BRACKET BEARING	1	
888360512	TUMBLE BOARD	1	
888360510	TRANSMISSION SHAFT	1	
888360511	TRANSMISSION SHAFT	1	
24227	BEARING	1	
24228	BEARING	1	
888360053	BEARING	1	
8369030	COTTER PIN	2	
8369259	NUT	6	
8369503	NUT	1	
8369504	LOCK WASHER	3	
8369506	PIN AND COTTER PIN	4	
8369507	BOLT	6	
8369508	THREADED ROD	6	
8369514	NUT	9	

## PARTS LIST 5 – RIDE ON TROWELS

### **BXR836, STEERING AND BLADE PITCH SYSTEM**

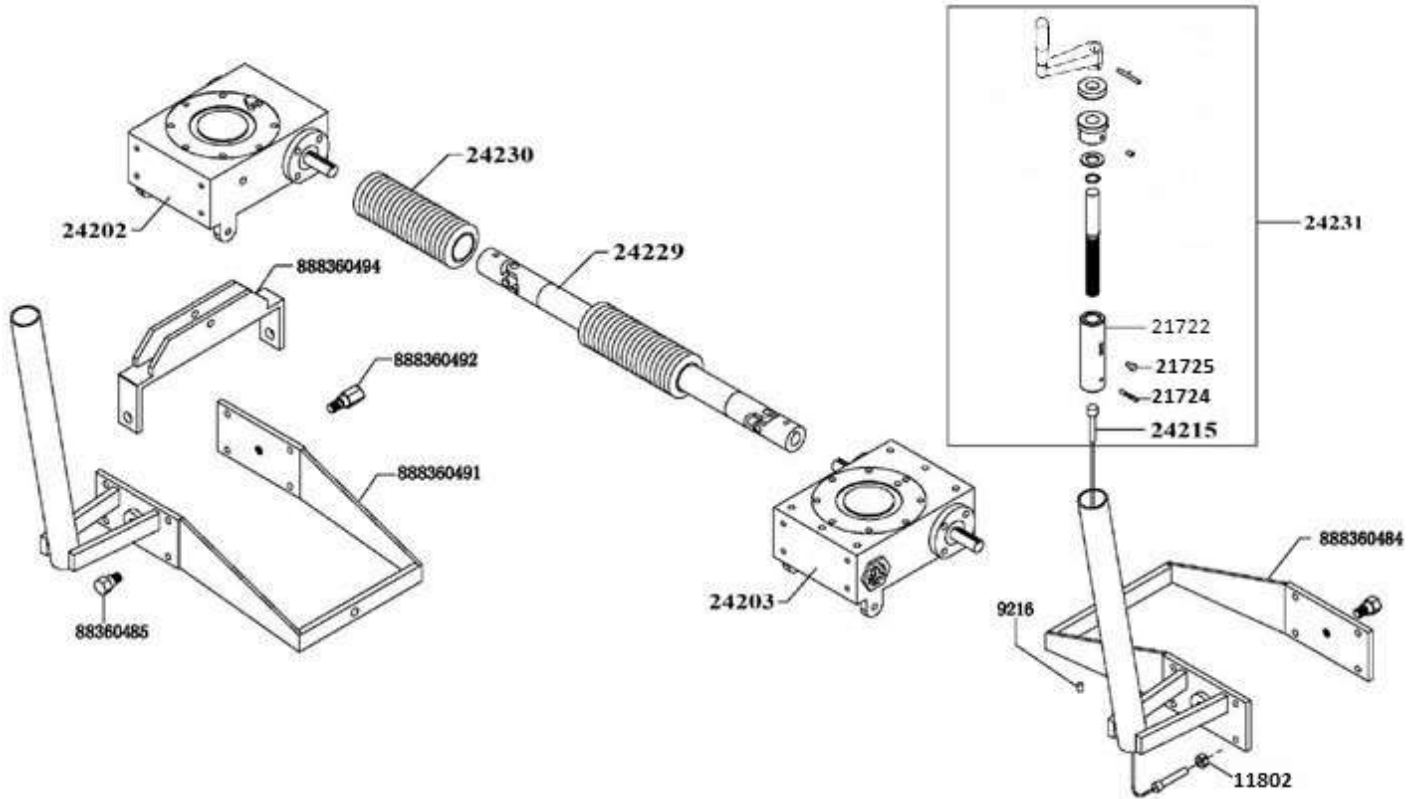


Figure 5: Steering and Blade Pitch System



**BXR836, STEERING AND BLADE PITCH SYSTEM – PARTS LIST 5**

Part #	Description	QTY	Remarks
24229	JOINT SHAFT	1	
24230	RUBBER COVER	2	
24202	GEARBOX, RIGHT	1	
24203	GEARBOX, LEFT	1	
888360491	BRACKET, RIGHT	1	
888360494	BRACKET	2	
888360485	BOLT	1	
888360492	BOLT	1	
888360484	BRACKET, LEFT	1	
21722	SLIDE BUSHING	2	
21725	SCREW	1	
21724	PIN	2	
24215	WIRE	2	
11802	LOCKNUT, M10	2	
9216	SCREW	2	

## PARTS LIST 6 – RIDE ON TROWELS

### **BXR836, GEARBOX ASSEMBLY, RIGHT (CCW)**

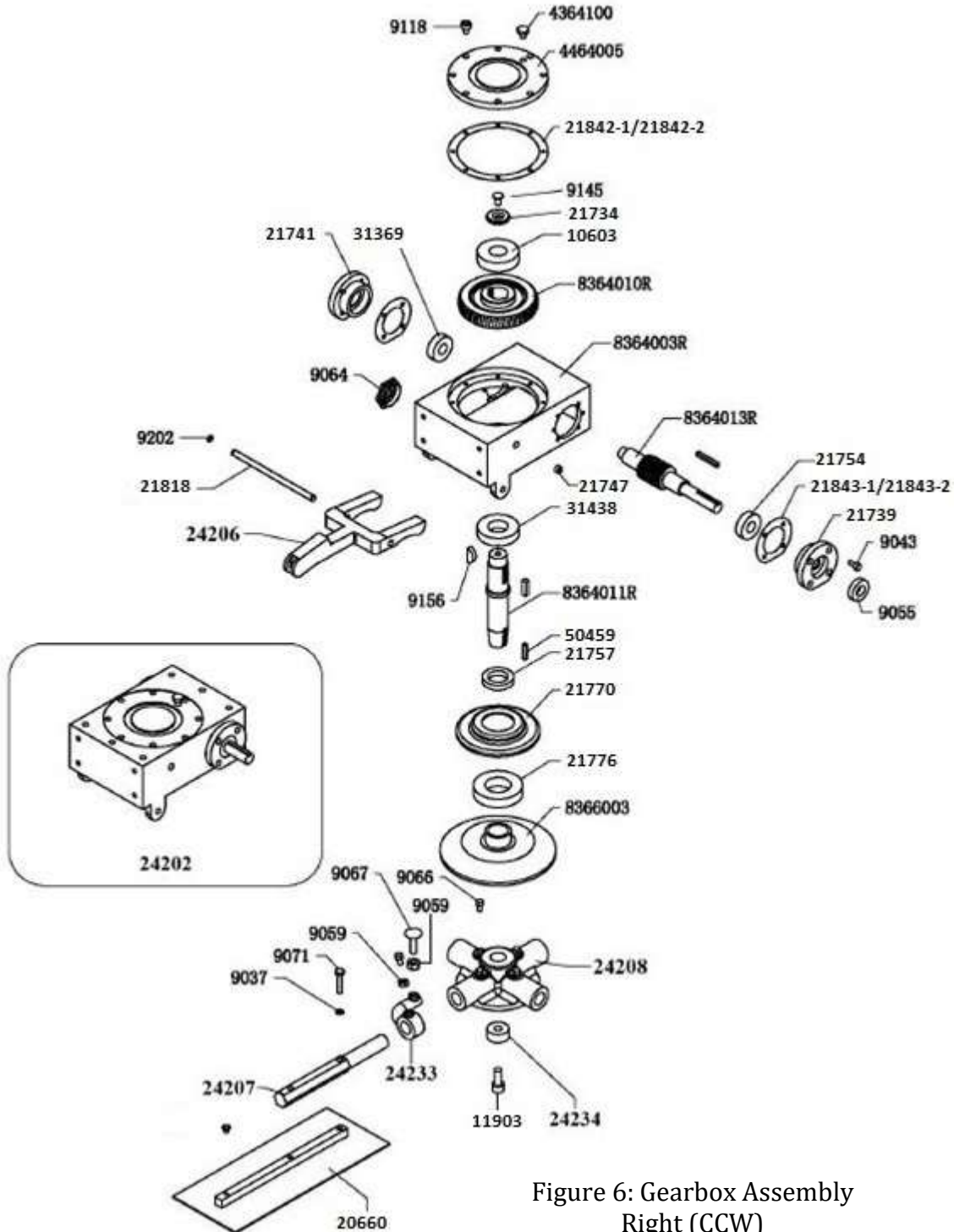


Figure 6: Gearbox Assembly  
Right (CCW)





**BXR836, GEARBOX ASSEMBLY RIGHT (CCW) – PARTS LIST 6**

Part #	Description	QTY	Remarks
8364003R	GEARBOX CASING	1	
4464005	GEARBOX COVER	1	
8364010R	BRONZE GEAR	1	
8364013R	COUNTER SHAFT	1	
8354011R	MAIN SHAFT	1	
21842-1 21842-2	SHIMMING	1	
21734	PRESSURE WASHER	1	
21843-1 21843-2	SHIMMING	2	
21739	BEARING FLANGE	1	
21741	BEARING END CAP	1	
4364100	RELEASE VALVE	1	
9118	SCREW	8	
9145	SCREW	1	
10603	BEARING	1	
31369	BEARING	1	
21754	BEARING	1	
9043	SCREW	1	
9055	SEAL	1	
9064	GLASS EYE	1	
21747	PLUG	1	
9156	KEY	1	
24206	YOKE ARM	1	
21818	SHAFT, YOKE ARM	1	
9202	RETAINER RING	1	
21770	PRESSURE PLATE COVER	1	
8366003	PRESSURE PLATE	1	
24208	RIGHT SPIDER PLATE	1	
24232	LIFT LEVER	4	
24234	BUSHING	1	
24207	TROWEL ARM	4	
9059	NUT	8	
9066	SCREW	8	
9067	BOLT	4	
11903	BOLT	1	
21776	BEARING	1	
21757	SEAL	1	
50459	KEY	1	
31438	BEARING	1	
20660	BLADE, FINISH, 6"x14"	4	

## PARTS LIST 7 – RIDE ON TROWELS

### **BXR836, GEARBOX ASSEMBLY, LEFT (CW)**

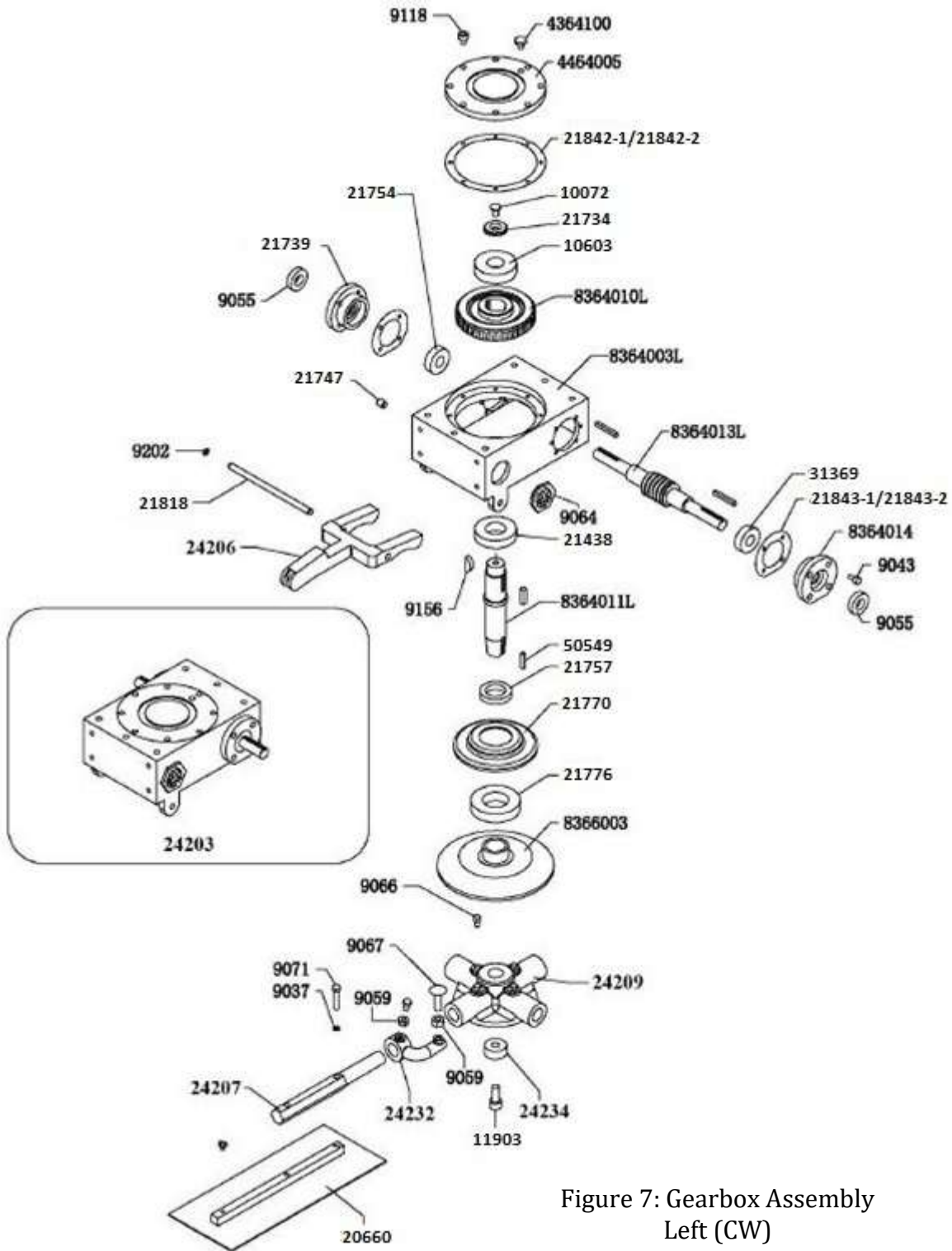


Figure 7: Gearbox Assembly  
Left (CW)



**BXR836, GEARBOX ASSEMBLY LEFT (CW) – PARTS LIST 7**

Part #	Description	QTY	Remarks
8364003L	GEARBOX CASING	1	
4464005	GEARBOX COVER	1	
8364010L	BRONZE GEAR	1	
8364013L	COUNTER SHAFT	1	
8364011L	MAIN SHAFT	1	
21842-1 21842-2	SHIMMING	A/R	
21734	PRESSURE WASHER	1	
21843-1 21843-2	SHIMMING	A/R	
21739	LEFT BEARING FLANGE	1	
8364014	LEFT BEARING FLANGE	1	
4364100	RELEASE VALVE	1	
9118	SCREW	8	
10072	SCREW	1	
10603	BEARING	1	
31369	BEARING	1	
21754	BEARING	1	
9043	SCREW	1	
9055	SEAL	1	
9064	GLASS EYE	1	
21747	PLUG	1	
9156	KEY	1	
24206	YOKE ARM	1	
21818	SHAFT, YOKE ARM	1	
9202	RETAINER RING	1	
21770	PRESSURE PLATE COVER	1	
8366003	PRESSURE PLATE	1	
24209	LEFT SPIDER PLATE	1	
24233	LIFT LEVER	4	
24234	BUSHING	1	
24207	TROWEL ARM	4	
9059	NUT	8	
9066	SCREW	8	
9067	BOLT	4	
11903	BOLT	1	
21776	BEARING	1	
21757	SEAL	1	
50549	KEY	1	
31438	BEARING	1	
24258	BLADE, FINISH, 6"x14"	4	

## PARTS LIST 8 – RIDE ON TROWELS

### BXR836, SPRAY SYSTEM

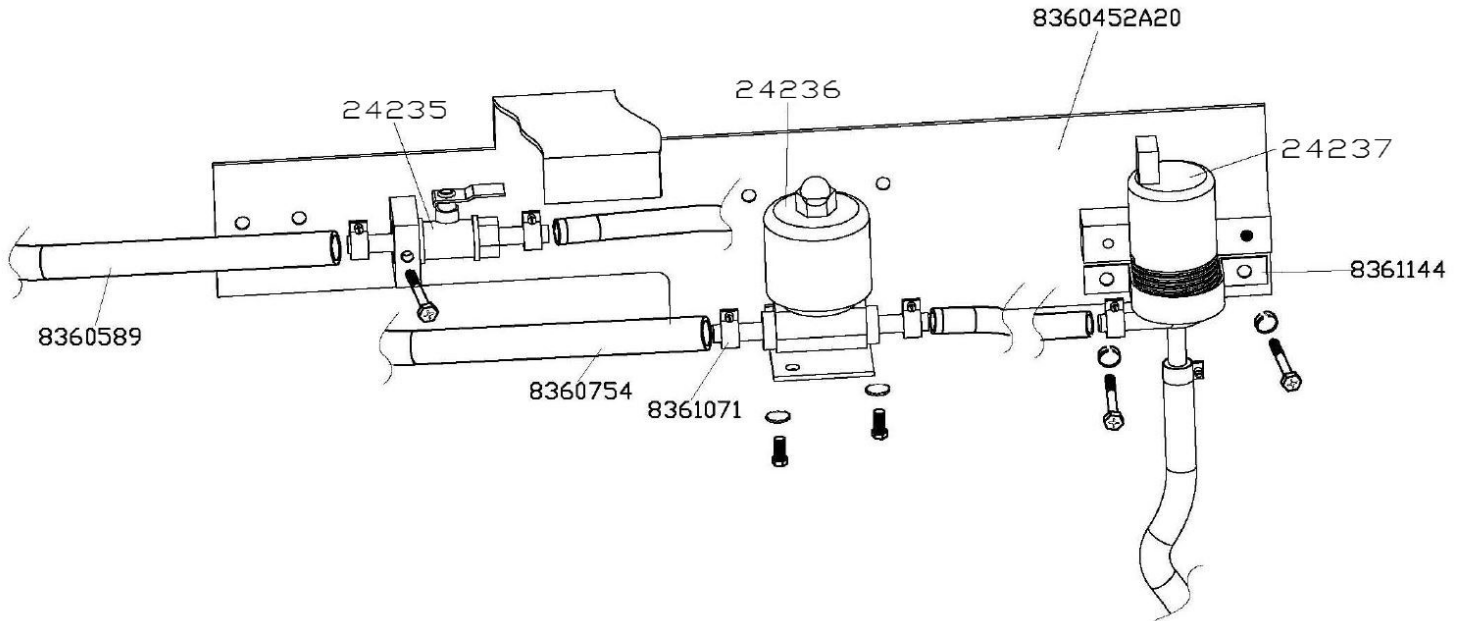


Figure 8: Spray System

### BXR836, SPRAY SYSTEM – PARTS LIST 8

Part #	Description	QTY	Remarks
8360589	OIL PIPE	2	
24235	VALVE	1	
8360754	WATER PIPE	2	
8361071	JOINT	6	
24236	SOLENOID PILOT ACTUATED VALVE	1	
24237	WATER PUMP	1	
8361144	MOUNTING PLATE, WATER PUMP	1	

## PARTS LIST 9 – RIDE ON TROWELS

### BXR836, FOOT THROTTLE KIT

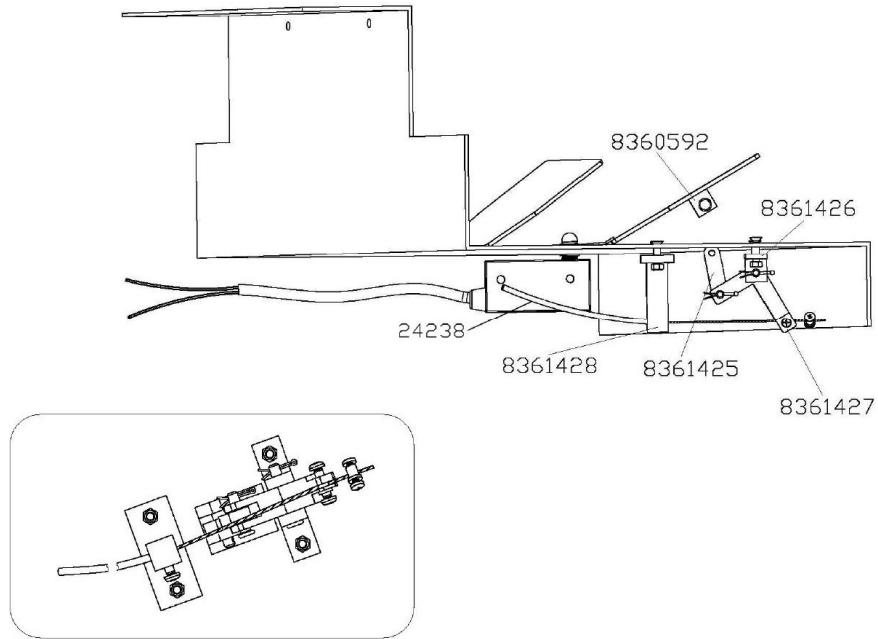


Figure 9: Foot Throttle Kit

### BXR836, FOOT THROTTLE KIT – PARTS LIST 9

Part #	Description	QTY	Remarks
8360592	THROTTLE PEDAL	1	
8361425	THROTTLE PARTS	1	
8361426		1	
8361427		1	
8361428	THROTTE CABLE SUPPORT	1	
24238	THROTTLE CABLE	1	
8810009411	RETURN SPRING	1	

## PARTS LIST 10 – RIDE ON TROWELS

### **BXR836, FUEL TANK**

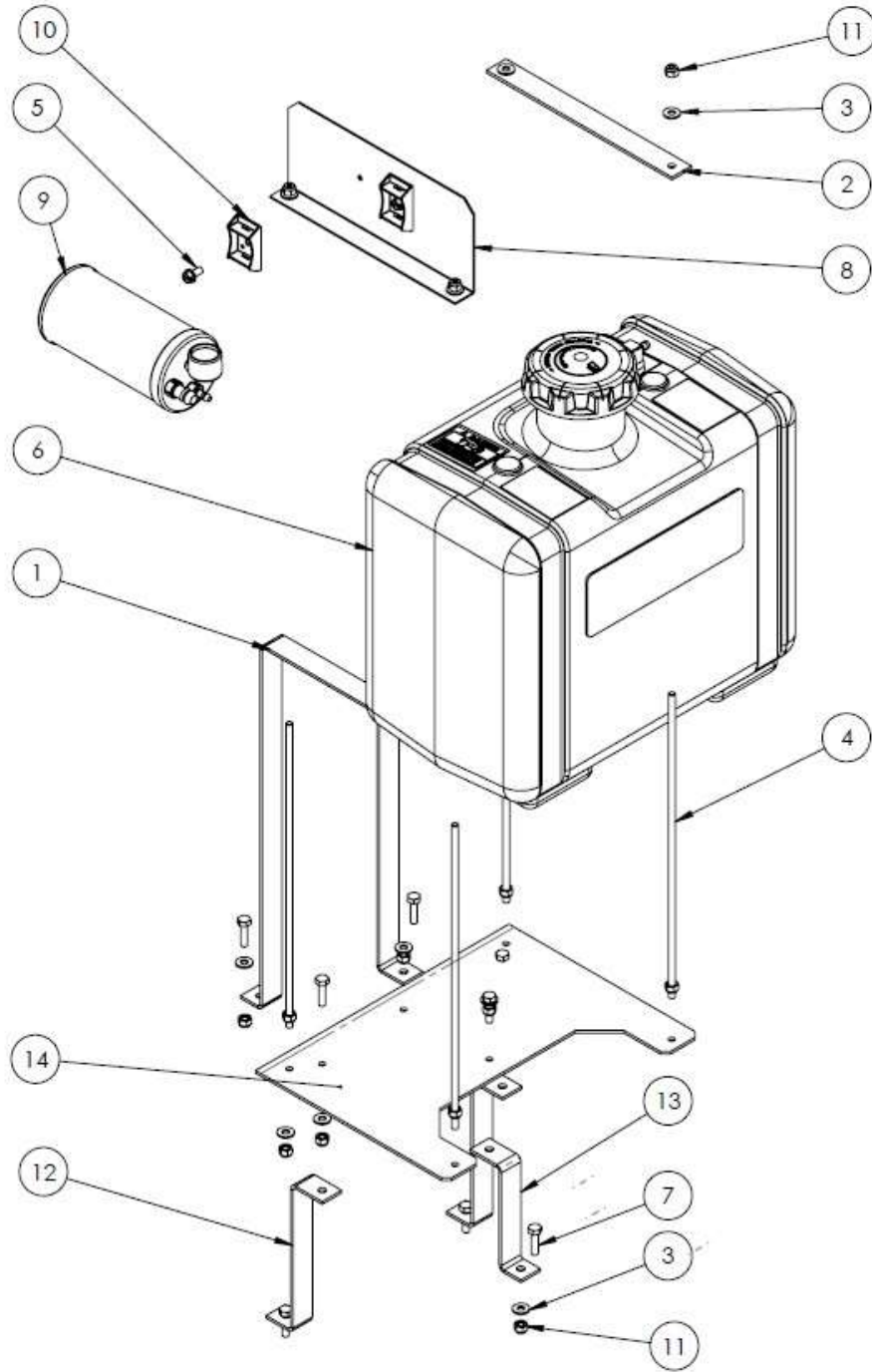


Figure 10: Fuel Tank



**BXR836, FUEL TANK – PARTS LIST 10**

Item #	Part #	Description	QTY	Remarks
1	18157-4	WATER TANK BRACKET	1	
2	10192	GAS TANK HOLD DOWN BAR	1	
3	11043	WASHER, 1/4"	12	
4	11832	THREADED ROD, 1/4"-20 x 13"	4	
5	14596	HWHS 1/4"-20 x 1/2" LG THREAD CUTTING	2	
6	18150	GAS TANK	1	
7	50316	HHCS 1/4"-20 UNC x 1" LG	8	
8	11831	CARB CANISTER BRACKET	1	
9	18126	CARB CANISTER	1	
10	18124	CARB CANISTER BRACKET	2	
11	30141	LOCKNUT, 1/4"-20	16	
12	18157-3	SUPPORT	2	
13	18157-2	SUPPORT	1	
14	18157-1	GAS TANK BASE	1	

## PARTS LIST 11 – RIDE ON TROWELS

### **BXR836, PROPANE TANK**

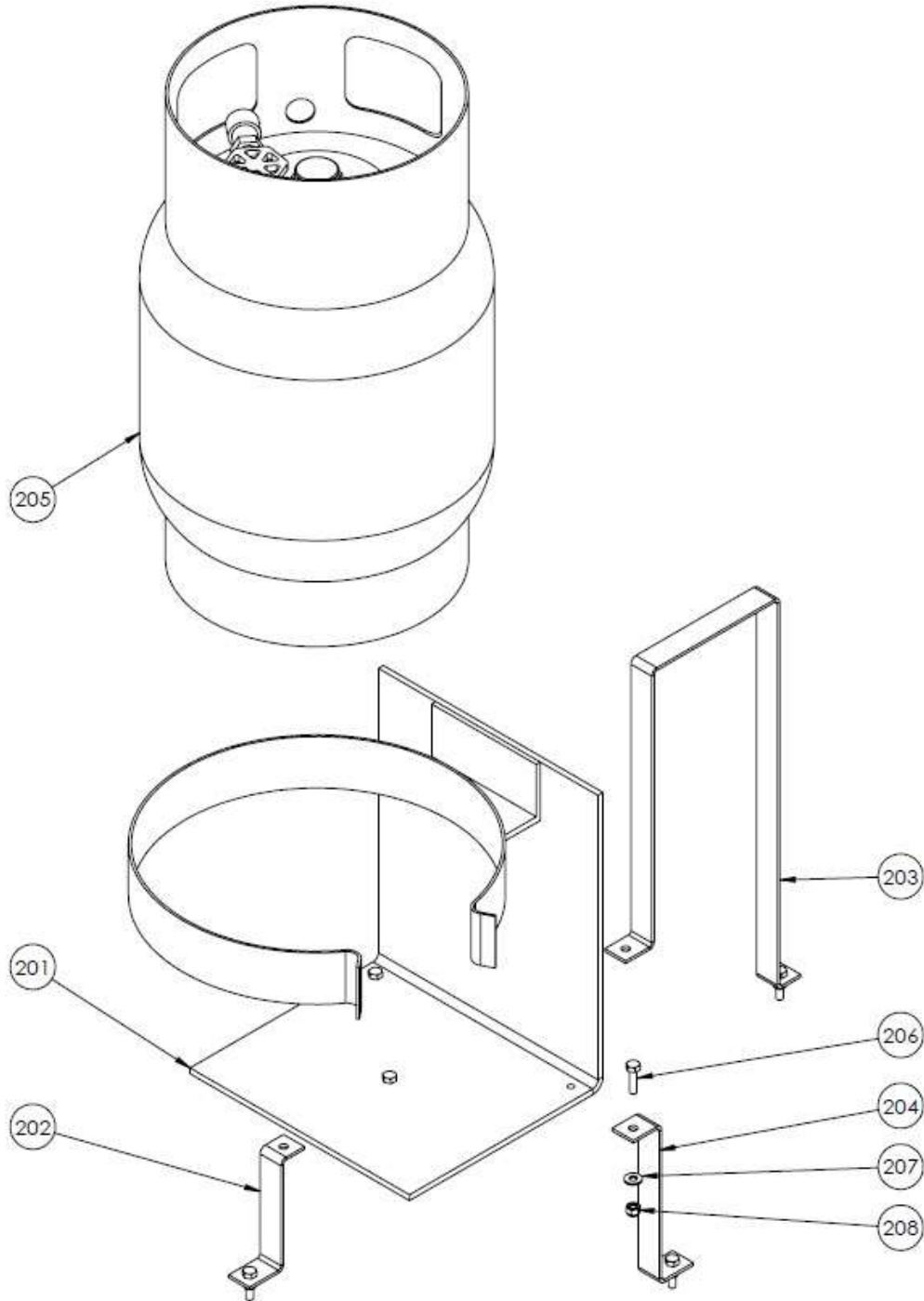


Figure 11: Propane Tank





**BXR836, PROPANE TANK – PARTS LIST 11**

Item #	Part #	Description	QTY	Remarks
201	24249	PROPANE TANK MOUNT	1	
202	18157-2	SUPPORT	1	
203	18157-4	WATER TANK BRACKET	1	
204	18157-3	SUPPORT	2	
205	24263	PROPANE TANK	1	
206	50316	HHCS 1/4"-20 x 1" LG	7	
207	11043	WASHER, 1/4"	7	
208	30141	LOCKNUT, 1/4"-20	7	

## PARTS LIST 12 – RIDE ON TROWELS

### **BXR836, STANDARD TRANSPORTER**

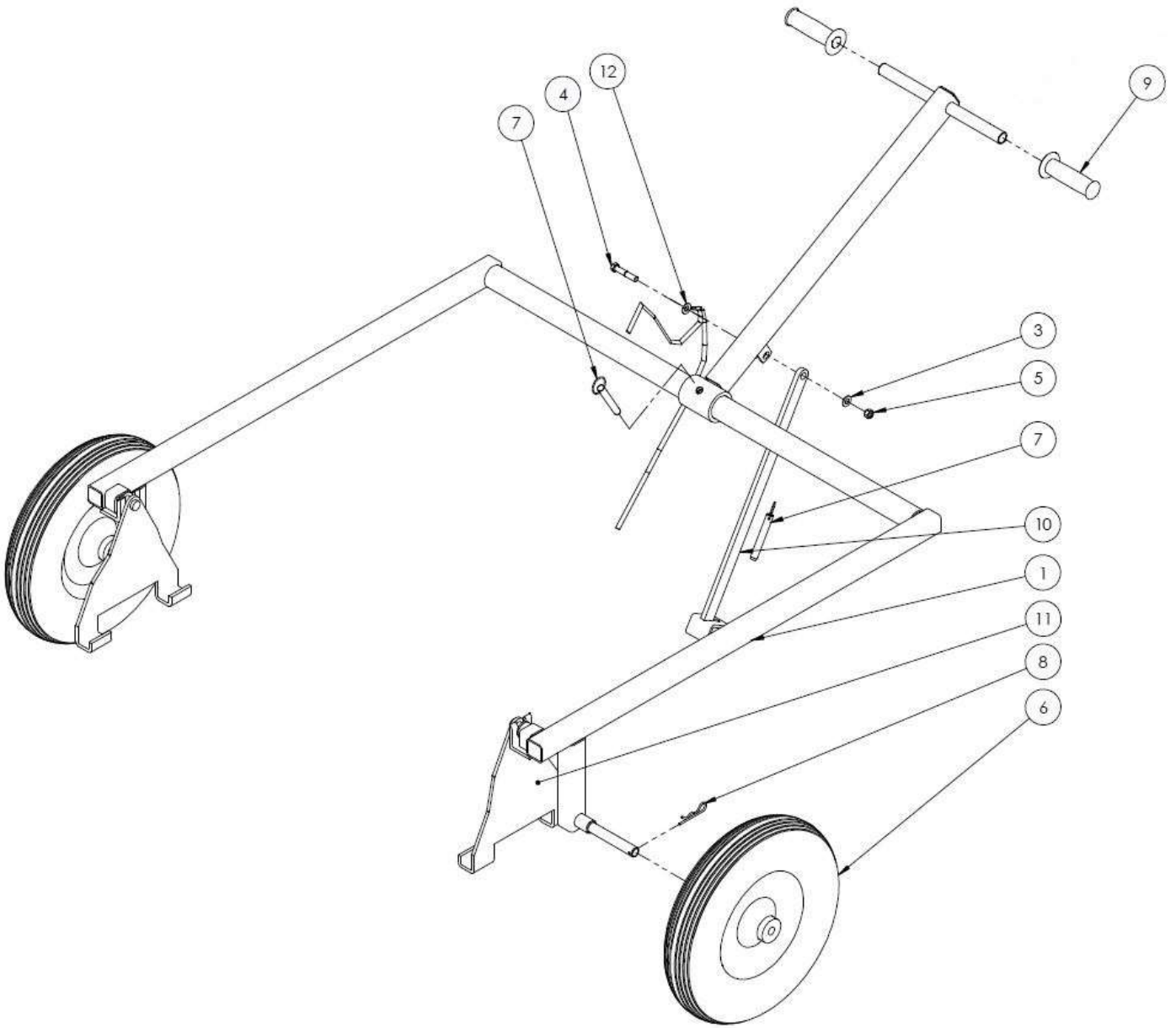


Figure 11: Standard Transporter



**BXR836, STANDARD TRANSPORTER – PARTS LIST 12**

Item #	Part #	Description	QTY	Remarks
1	22594	TRANSPORTER FRAME	1	
3	11200	3/8" WASHER	1	
4	12859	HHCS, 3/8-16 UNC X 2" LC	1	
5	10317	3/8-16 LOCKNUT, NYLON	1	
6	13198	WHEEL 16" DIA X 4" HUB	2	
7	12487	HITCH PIN LARGE 3-1/2" LG	2	
8	50265	COTTER PIN 1/8" DIA	2	
9	10509	HANDLE GRIP	2	
10	14717	PICKUP BAR	1	
11	14715	TRANSPORTER BRACKET	2	
12	14716	CHAIN LINK W/ 3/8" WASHER	1	

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