

BARTELL

CONCRETE EQUIPMENT



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OWNER'S MANUAL AND PARTS BOOK RIDE-ON TROWEL

BXR836



ORIGINAL
LANGUAGE

Doc. # OI-N09203
Orig. Rel. - 05-2012
Curr. Rev. - 02
Rev. Date - 06-2014

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SAFETY PRECAUTIONS	
	<p style="text-align: center;"> DANGER</p> <p>EXPLOSION HAZARD Never operate the machine in an explosive atmosphere, near combustible materials or where ventilation does not clear exhaust fumes.</p>
	<p style="text-align: center;"> WARNING</p> <p>BURN HAZARD Never come into contact with the engine or muffler when engine is operating or shortly after it is turned off. Serious burns may occur.</p>
	<p style="text-align: center;"> WARNING</p> <p>ROTATING HAZARD Never place hands or feet inside safety guard rings. Serious injury will result from contact with rotating blades.</p>
	<p style="text-align: center;"> CAUTION</p> <p>MOVING PARTS Before starting the machine ensure that all guards and safety devices are in place and functioning properly.</p>
	<p style="text-align: center;"> ATTENTION</p> <p>READ OWNERS MANUAL Read and understand operator's manual before using this machine. Failure to follow operating instructions could result in serious injury or death.</p>

BXR836 RIDE-ON TROWEL INSTRUCTION MANUAL

TABLE OF CONTENTS

QUALITY ASSURANCE/MACHINE BREAK-IN	4
MAINTENANCE RECORD	5
ROUTINE SERVICE INTERVALS	6
FOREWORD	8
SAFETY PRECAUTIONS	8
ASSEMBLY INSTRUCTIONS	8
1. BATTERY	8
2. STEERING HANDLE ASSEMBLY	8
3. PITCH CONTROL ASSEMBLY	8
4. SEAT ASSEMBLY	9
5. TRANSPORTER ASSEMBLY	9
OPERATING INSTRUCTIONS	9
1. STARTING PROCEDURES - WARM TEMPERATURES	9
2. STARTING PROCEDURES - COLD TEMPERATURES	9
3. STOPPING PROCEDURES	9
4. STEERING	9
MAINTENANCE INSTRUCTIONS	10
1. GENERAL	10
2. AIR CLEANER	10
3. SPARK PLUG	10
4. BELT CHANGE PROCEDURE	11
5. BELT TENSIONING SPECIFICATIONS	11
LUBRICATION	11
1. ENGINE OIL	11
2. SPIDER PLATE	11
3. GEARBOX	11
4. GEARBOX OIL	11
5. GREASE FITTINGS	11
TROWEL ARM ADJUSTMENT FIXTURE	12
1. ADJUSTMENT PROCEDURE	12
2. TROWEL ARM ADJUSTMENT SCREW	12
TROUBLESHOOTING	13
SPECIFICATIONS	14
ASSEMBLY DRAWINGS AND PARTS LIST	15
1. FRAMEWORK (DRAWING)	16
2. POWER SYSTEM (DRAWING)	17
3. DRIVING SYSTEM (DRAWING)	18
4. STEERING SYSTEM (DRAWING)	19
5. BLADE ADJUSTMENT SYSTEM (DRAWING).....	19
6. GEARBOX ASSEMBLY: RIGHT (DRAWING)	20
7. GEARBOX ASSEMBLY: LEFT (DRAWING)	21
8. WATER SPRAY SYSTEM (DRAWING)	22
9. FOOT THROTTLE KIT (DRAWING)	23
10. FRAMEWORK (PARTS LIST)	24
11. POWER SYSTEM (PARTS LIST)	24
12. DRIVING SYSTEM (PARTS LIST)	25
13. STEERING SYSTEM (PARTS LIST)	25
14. BLADE ADJUSTMENT SYSTEM (PARTS LIST)	26
15. GEARBOX ASSEMBLY: RIGHT (PARTS LIST)	26
16. GEARBOX ASSEMBLY: LEFT (PARTS LIST)	27
17. WATER SPRAY SYSTEM (PARTS LIST).....	28
18. FOOT THROTTLE SYSTEM (PARTS LIST)	28
NOTES	29
WARRANTY INFORMATION	30
COMPANY INFORMATION	31

QUALITY ASSURANCE / MACHINE BREAK IN


The Bartell Ride-on Trowel is the product of extensive engineering development designed to give long life and unmatched performance. Once machines are fully assembled, a run-in test is performed to ensure quality standards of the highest level. A series of operational tests are conducted on concrete, incorporating a phase of operations at 1/2 to 3/4 throttle and a final run phase at full throttle for a minimum of 20 minutes.

You can help ensure that your Ride-on will perform at top levels by observing a simple routing on first use. Consider that your new Ride-on Trowel is like a new car. Just as you would break in a new car to the road or any new machine to the job, you should start gradually and build up to full use. Learn what your machine can do and how it will respond. Refer to the engine manufacturer's manual for run-in times. Full throttle and control may be used after this time period, as allowed by material. This will serve to further break in the machine on your specific application, as well as provide you with additional practice using the machine.

We thank you for the confidence you have placed in us by purchasing a Bartell Ride-on Trowel and wish you many years of satisfied use.

BXR836 RIDE-ON TROWEL INSTRUCTION MANUAL

Routine Service Intervals		Each use	After 1.5 months or 50 hrs	Each 3 months or 100 hrs	Each 6 months or 200 hrs	Each 9 months or 300 hrs	Each 12 months or 400 hrs
General Inspection:							
Operation of lights	Check		o	o	o	o	o
Battery	Clean & Check			o	o	o	o
	Recharge			o	o	o	o
	Replace						2 yrs
Guards	Check	o	o	o	o	o	o
Warning stickers	Check		o	o	o	o	o
Test run:	Check operation		o	o	o	o	o
Controls:							
Dead-man switch operation	Check	o	o	o	o	o	o
Throttle pedal operation	Check	o	o	o	o	o	o
Steering linkages	Check	o	o	o	o	o	o
	Lubricate		o	o	o	o	o
	Replace						As req'd
Pitch control levers	Check	o	o	o	o	o	o
	Lubricate		o	o	o	o	o
Joystick controls (N/A)	Check	o					
Hydraulic system (N/A)	Check levels			o	o	o	o
	Check hoses			o	o	o	o
	Replace hoses						2 yrs
Engine:							
Fuel pipes & clamps	Check		o	o	o	o	o
	Replace						2 yrs
Engine oil	Check Level	o	o	o	o	o	o
	Change		o		o		o
Engine oil filter	Replace				o		o
Oil cooler	Clean			o	o	o	o
Cooling Fins	Clean		o	o	o	o	o
Air cleaner	Check - clean	o	o	o	o	o	o
	Replace						o
Air Intake Line	Check				o		
	Replace						2 yrs
Fan Belt	Check tightness				o		o
	Replace						500 hrs
Valve clearance	Check-adjust				o		o
Fuel filter	Check & Clean			o	o	o	o
	Replace				o		o
Fuel Tank	Clean						500 hrs
Fuel Injection Nozzles	Check pressure						500 hrs
Fuel Injection Timer	Check						500 hrs
Injection Pump	Check						500 hrs
Engine wiring	Check						o

 Continued on next page...

BXR836 RIDE-ON TROWEL INSTRUCTION MANUAL

Routine Service Intervals - Continued -		Each use	After 1.5 months or 50 hrs	Each 3 months or 100 hrs	Each 6 months or 200 hrs	Each 9 months or 300 hrs	Each 12 months or 400 hrs
Drive Train:							
Bearings	Lubricate	o	o	o	o	o	o
Universal couplings	Lubricate			o	o	o	o
Belt tension / Condition	Check	o	o	o	o	o	o
Clutch / Pulley operation	Check	o	o	o	o	o	o
LH spider plate assembly	Check	o		o	o	o	o
	Lubricate	o	o	o	o	o	o
RH spider plate assembly	Check	o		o	o	o	o
	Lubricate	o	o	o	o	o	o
Gearboxes:							
LH Gearbox oil	Check Level	o	o	o	o	o	o
	Change				o		o
RH Gearbox oil	Check Level	o	o	o	o	o	o
	Change				o		o
Gearbox breathers	Check operation			o	o	o	o
Retardant Spray System:							
Water pump operation	Check	o	o	o	o	o	o
Spray nozzles	Clean	o					
Retardant Fluid	Check levels	o					

Due to the nature and environment of use, power trowels are exposed to severe operating conditions. Some general maintenance guidelines will extend the useful life of your trowel.

- The initial service for your power trowel should be performed after 25 hours of use, at which time your mechanic (or authorized repair shop) should complete all of the recommended checks in the schedule above. The chart on page 6 (six) is handy for keeping a record of the maintenance performed and the parts used for servicing your trowel.
- Regular service according to the schedule above will prolong the life of the power trowel and prevent expensive repairs.
- Keeping your power trowel clean and free from concrete residue is the single most important regular maintenance operation, over and above the checks in the service schedule above, that can be performed. Components such as oil seals, belts, drive line parts and bearings are prone to premature wear from exposure to concrete residue. Using a spray-on release agent on your power trowel before each use will make clean-up after use easy and extend the time between replacement of most of the wearing components of the machine.
- After each use your power trowel should be cleaned to remove any concrete residue from the undercarriage and surrounding components. Use of a power washer will make clean up quick and easy, especially if a release agent was applied prior to use.
- In the Service Schedule above, items that should be checked, replaced or adjusted are indicated by “o” in the appropriate column. Not all power trowel models include the same features and options and as such not all service operations may have to be performed. For ease of recording place a checkmark (√) through the “o” when the item is complete. If an item is not required or not completed place an “x” through the “o” in the box.
- For all fuel-line powered trowels the governed speed of the engine is 2000 to 3600 rpm. See engine manufacturer’s manual for exact specifications. Care should be used when making any adjustments to the power trowel not to change the governed speed. Increasing the governed speed of the engine may lead to premature failure and void the manufacturer’s warranty.
- Failure to have your power trowel regularly serviced and properly maintained in accordance with the manufacturer’s instructions will lead to premature failure and void the warranty.

BXR836 RIDE-ON TROWEL INSTRUCTION MANUAL

FOREWORD

It is important that the following be read carefully in order that the operational performance of the Bartell RIDE-ON Trowel be fully understood. Proper maintenance procedures will ensure long life and top performance of the unit.

SAFETY PRECAUTIONS

- Always keep unauthorized, inexperienced, untrained people away from this machine.
- Rotating and moving parts will cause injury if contacted. Make sure guards are in place. Keep hands and feet away from moving parts.
- Fuel the machine only when the engine is stopped, using all necessary safety precautions.
- The engine must always be stopped before attempting any repair or adjustments. Ignition key should be off. **Danger: Never operate the machine in an explosive atmosphere, near combustible materials or where ventilation does not clear exhaust fumes. Repair fuel leaks immediately. Refer to your engine owner's manual for more safety instructions.**
- Be careful not to come in contact with the muffler when the engine is hot, serious burns may result!
- Always operate the machine in a seated position to maintain machine balance.
- **The transporter is designed for moving the unit around the job site only. It is not to be used for towing the Ride-On unit off-site.**
- When starting the trowel, do not exceed the 1/4 throttle position as recommended. A higher setting could cause the centrifugal clutch to engage, turning the trowel blades.
- Be careful with the trowel around stub pipes or other obstructions on the floor. Should the machine catch, or hit such an obstruction, serious damage may result to the machine, or operator may be thrown from the machine.
- Excess surface water may result in sudden loss of control of steering.
- Disconnect battery before attempting any electrical maintenance.
- Ensure that the electrical dead-man switch, located on the right hand steering lever is operating. Placing your right hand on the steering lever will engage the safety switch. Removing your hand from the Lever will disengage the safety switch and stop the engine. The engine will not start unless the safety switch is depressed. This safety feature must be used as designed.

ASSEMBLY INSTRUCTIONS

Your new Bartell Ride-On Trowel has been shipped to you partially disassembled. To prepare for operation use the following instructions:

1. BATTERY – SHIPPED DRY – NO ACID

Connect and secure the battery cables before attempting starting procedures.

2. STEERING HANDLE ASSEMBLY

The steering handles are shipped ready to connect. Position the handles over the handle sleeves so that the set-screws (2 per handle) are lined up with the tapped holes on the sleeves. Tighten the set-screws and test the mobility of the handles.

3. PITCH CONTROL ASSEMBLY

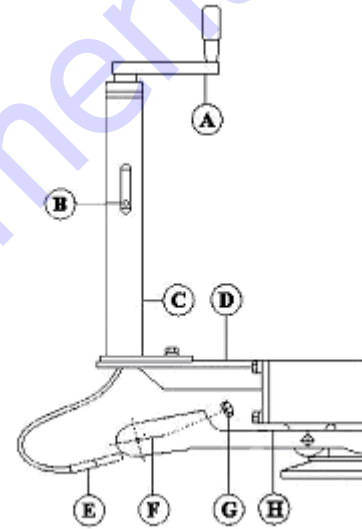


Figure 1a.

Bolt pitch control tube (C) to pitch control bracket (D) with bolts provided. Put cable end (E) through yoke arm (F) and secure with nylon insert locknut (G). For proper cable adjustment, turn crank (A) counter-clockwise to the stop position. Tighten nut (G) until all slack in the cable is removed. If more than 2 or 3 threads show through the nut, it should be turned back and the guide screw (B) moved to the next lower hole. Tension in the cable should then be readjusted. After adjusting tension, turn hand crank full clockwise (ABOUT 24 TURNS) and check for clearance between the yoke arm (F) and the gear box at point (H). There should be enough space to pass a business card through but not more than 1/8 inch.

BXR836 RIDE-ON TROWEL INSTRUCTION MANUAL

4. SEAT ASSEMBLY

Remove protective wrapping from seat. The seat is now ready to secure to the frame using included washers and hex nuts. If the seat adjuster is ordered, the slider bars must be positioned between the seat and the frame using included screws to secure the seat to the sliders, and then securing the sliders to the frame as indicated above.

5. TRANSPORTER ASSEMBLY

The components of the transporter (handle, frame, wheels, and parts bag) are shipped separately, requiring some assembly. Extend the handle outside the frame. Slide the handle along the frame cross-bar to align the hole on the handle with the hole on the "U" frame. Insert the large hitch pin (part #12487) through the hole to secure the handle to the "U" frame. Position one of the wheels on the axle and secure in place by inserting pin (part #10315) into the hole on the end of the axle. Repeat procedure for the other wheel.

CAUTION:

The transporter is designed to be used on the job site only. Do not use the transporter to tow the machine off-site.

OPERATING INSTRUCTIONS

1. STARTING PROCEDURES

* WARM TEMPERATURES

- Prior to starting the trowel, check the engine and gearbox oil levels. Be sure the fuel tank is full. Fuel is not shipped with the unit. Before attempting to start, fill the fuel tank. Check engine and gearbox oil levels. **WARRANTY IS VOID IF RUN WITHOUT OIL.** Fill tank with safety approved fuel containers. **DO NOT MIX OIL WITH FUEL.**
- Maintain contact with the dead-man safety switch. Engine will disengage and stop if safety switch is released. Do not tape, tie-down, or otherwise attempt to bypass safety device.
- Turn ignition key all the way. Allow engine to warm up before proceeding with full trowel operation.

2. STARTING PROCEDURES

* COLD TEMPERATURES

Follow same procedure as above but allow for a longer warm up period 3-5 min. (In cold weather oil is much heavier to move. Extra time is required to heat the oil.)

3. TO STOP ENGINE

- Bring throttle to low idle, wait a few seconds.
- Remove left foot from dead-man safety switch.
- Turn off ignition key.

4. STEERING

Guiding the machine on the slab is quite simple but does require some familiarity before actually working with the machine. The controls respond as shown in figure 2a below. Test the machine on a finished section of the floor, with the blades in a flat position, and the engine at a low revolution to gain the necessary feel for the steering.

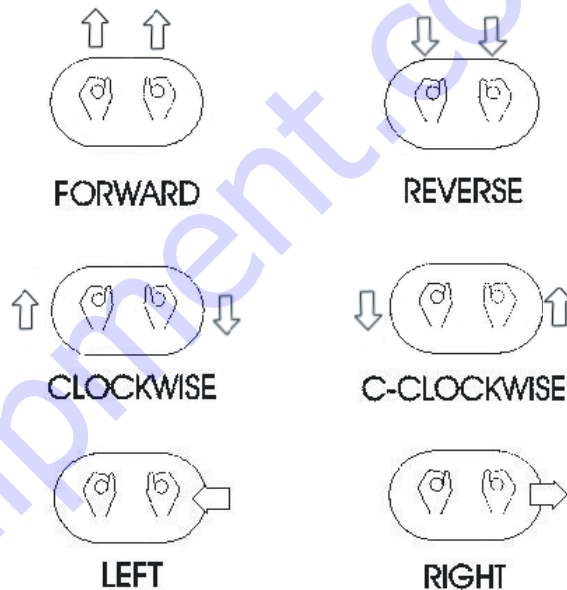


Figure 2a.

For straight line movement, move both handles as one in the direction you wish to travel. Move the handles in opposite directions to produce rotation on the machines axis. Left handle forward, right handle backward for clockwise rotation. Left handle backward, right handle forward, for counter-clockwise rotation. Sideways direction is achieved by sideways movement of the right handle in the required direction of travel.

WARNING:

SERIOUS INJURY OR PROPERTY DAMAGE MAY RESULT DUE TO TEMPORARY LOSS OF CONTROL IF OPERATED WITH EXCESS LIQUID ON THE CONCRETE SURFACE.

BXR836 RIDE-ON TROWEL INSTRUCTION MANUAL

5. FLOAT/TROWEL PITCH SETTING

Once you are familiar with the steering functions on a flat floor, you are ready to combine the steering with float/trowel pitch settings to produce the finish you require. The pitch adjustment feature of the BARTELL RIDE-ON TROWEL permits quick and accurate pitch changes of the finishing/float blades, without having to stop the machine. Turning the adjustment crank-handle at the end of the pitch control tubes enables you to change the pitch whenever necessary to allow for varying conditions over the slab surface.

Each spider plate is adjusted independently. The pitch setting will affect the steering of your unit. Experiment with the settings as you test drive so you will know what to expect.

CAUTION:

Do not let the machine stand in one spot on the soft concrete; This may place unnecessary strain on the clutch to break it free of the concrete. If the unit has been sitting for any length of time, break it free from the concrete before attempting operation.

CAUTION:

When finishing concrete above grade, erect a situation barrier along the edge of the slab as a protective measure. The barrier must follow all applicable codes and should be such that it will stop the trowel from riding over the edge of the slab in case of loss of control.

6. BLADE SYNCHRONIZATION (SPECIALLY MODIFIED UNITS ONLY)

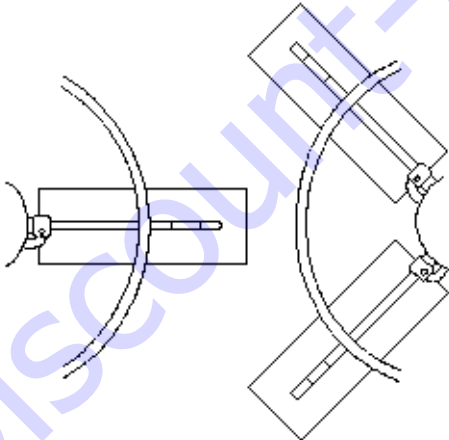


Figure 3a.

To avoid blades hitting, make sure spider plates are positioned as shown with respect to each other after performing any maintenance.

7. TRANSPORTER USE

CAUTION:

The transporter is designed to be used on the job site only. Do not use it to tow the machine off-site.

The transporter has pick-up brackets located on the inside of the wheels which should be positioned under the pick-up points on the frame. Before connection, the handle will be pointing upwards at approximately a 45 degree angle. Pull the handle down, engaging the transporter and secure the bracket and transporter to the frame by locking the handle bracket in the frame lock by means of the hitch pin. Using the handle as a lever, the ride-on may now be moved. To disconnect the transporter, follow the above steps in reverse.

MAINTENANCE INSTRUCTIONS

1. GENERAL

- Keep engine oil clean. Change according to engine manufacturer's specifications.
- Maintain the oil levels in the engine and gearbox assemblies. Change as required.
- Use only clean fuel in the engine.
- Check for loose nuts and bolts on the trowel and tighten as necessary.
- Check "V" belts for wear, replace if worn.
- Grease all fittings daily. See diagram.
- Clean the unit after every use to prevent hardening of concrete residue. Hard concrete is very difficult to remove, greatly increases weight and reduces efficient subsequent operation of unit.
- Check clutch linings regularly for wear. Linings should be changed when 3/4 worn. Do not allow metal to metal contact as this will damage the clutch drum. (New lining is 8mm.)

2. AIR CLEANER

Maintaining a clean engine will extend engine life. Keep air filter clean at all times. Clean air filter using the recommended solvent. See engine manual for proper cleaning procedure. Let the filter dry before reinstalling.

3. SPARK PLUG

Check and clean spark plugs regularly. A fouled, dirty spark plug causes hard starting and poor engine performance. Set spark plug gap to recommended clearance. Refer to engine manual.

BXR836 RIDE-ON TROWEL INSTRUCTION MANUAL

4. BELT CHANGE PROCEDURE

Remove belt cover from the machine to expose the drive components. To change the primary drive belt, remove clutch from engine drive shaft, by removing bolt from the clutch. This releases belt from both the clutch and driven unit.

5. BELT TENSIONING SPECIFICATIONS

NOTE:

Belts may become slightly loose after the first few hours of operation. It is important to re-tension the belts with the tool provided and use the table given as reference.

LUBRICATION

1. ENGINE OIL

The long life and successful operation of any piece of machinery is dependent on frequent and thorough lubrication.

Before using the trowel, always check your engine for oil. Use proper engine oil as recommended in the engine manufacturer's manual. Fill crankcase to levels as recommended.

2. SPIDER PLATE

There are 8 (eight) grease fittings on the spider plates, 4 (four) on each must be greased daily. **SPIDER PLATES MUST BE GREASED EVERY TIME MACHINE IS USED.**

3. GEARBOX

Check the oil level sight plugs on both gearboxes daily to ensure the oil is half way on the site glass. Top up with Agma 8 compounded gear oil only. Gearbox capacity on the BXR836 is 27oz./767ml.

4. TO CHANGE GEARBOX OIL

Place a pan beneath the drain plug to catch the oil. Remove the drain plug and the filler plug from the gearbox. After the oil has drained completely, replace the drain plug and tighten. Fill the gearbox through the filler plug with 27oz./767ml. of Agma 8 compounded gear oil. Replace the filler plug and tighten.

5. GREASE FITTINGS

There are 6 bearings in total. Grease all bearings and U-joints to ensure adequate supply of lubricant. They are located above the gearboxes (2 per gearbox) and 2 located in the drive system. The U-joints are located in the drive system as well.

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TROWEL ARM ADJUSTMENT FIXTURE

PART #20801

Unit 36" (TS88)

- 1) 10411 – Trowel arm
- 2) 10817 – Lift lever
- 3) 10808 – Jam nut
- 4) 10809 – Set screw
- 5) 10824 – Block top
- 6) 10507 – Bolt
- 7) 10816 – Jam nut
- 8) 10815 – Carriage bolt
- 9) 10832 – Adjustment bar
- 10) 10507 – Bolt

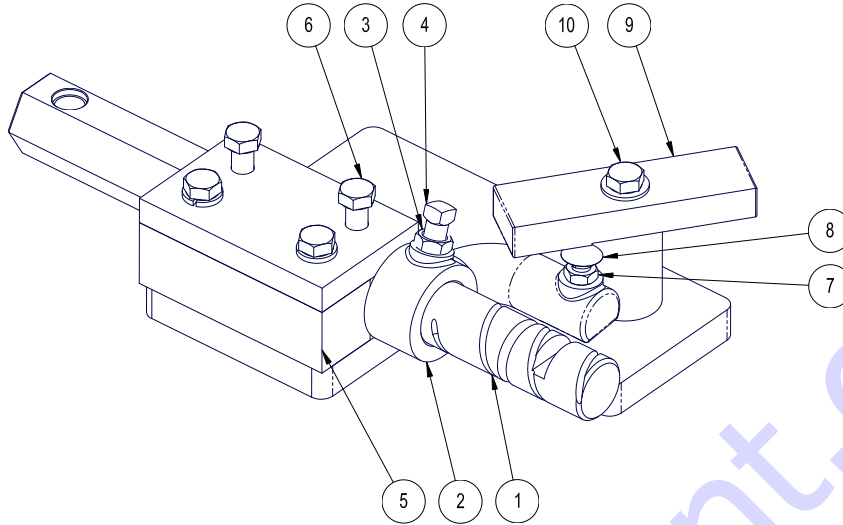


Figure 5a.

The trowel arm adjustment fixture (20801) is reversible. By rotating the arm clamping fixture and the ring bolt, both left hand and right hand trowel arms may be adjusted. Before attempting adjustment, determine whether the trowel arm is right handed or left handed. When adjusting left hand trowel arms use the side of the fixture marked "L". When adjusting right hand trowels arms use the opposite side. The adjustment bar will be set on "46" for the BXR836 trowel arm.

ADJUSTMENT PROCEDURE

1. Remove all trowel arm assemblies (1 & 2 arm and attached lift lever) from suspected maladjusted spider plate.
2. Remove lift lever (2) from trowel arm (1) by first loosening jam nut (3) then square head screw (4). If upon inspection (method left to discretion of serviceman) any trowel arm (1) is found to be in a bent condition, it must either be brought back to its original straight condition (method left to the serviceman's discretion) or replaced with new part.
3. Replace lift levers (2) on new or straightened arms (1) by reversing procedure described above.

NOTE: IT IS IMPORTANT THAT WHEN TIGHTENING SQUARE HEAD SETSCREW (4), IT SEATS ITSELF SECURELY INTO DIMPLE MACHINED IN ARM.

4. Place trowel arm assembly (1 and 2) in fixture (5) with lift lever (2) butting up against fixture. Secure in place with bolts (6).

5. Loosen locknut (7) and screw carriage bolt (8) down to full depth allowable. This will provide for ample clearance to swing adjustment bar (9) over head of carriage bolt. Adjustment bar (9) is stamped for appropriate size of machine. Swing appropriate side directly over carriage bolt (8) and secure in place with bolt (10).
6. Adjust carriage bolt (8) upwards until contact is made with adjustment bar (9); holding carriage bolt in position with one wrench, tighten locknut (7) to secure in position with second wrench.
7. This same procedure is to be followed with ALL arms from spider plate assembly, and will ensure correct and exact adjustment.

NOTE: IT IS VITALLY IMPORTANT TO ENSURE THAT ONCE THE CARRIAGE BOLT IS ADJUSTED TO THE CORRECT HEIGHT, IT DOES NOT MOVE BEFORE, OR DURING THE TIGHTENING OF LOCKNUT.

TROWEL ARM ADJUSTMENT SCREW

When assembling trowel blades to trowel arms, the adjustment screw should NEVER protrude below the under-side surface to a trowel arm except when using for emergency on-site adjustment to level trowel blades. If the adjustment screw is not flush with the underside of the trowel arm, then this will cause the power trowel to bounce and vibrate especially at high speed. This will also cause the trowel blades to leave an uneven finish on the concrete due to the blades not being level to one another. Make certain that the adjusting screw is held firmly in place while tightening the bolt which secures the blade to the trowel arm.

TROUBLESHOOTING

WON'T START

- Throttle fully open
- Hand lever wire broken
- No gas
- Dirty gas
- Gas filter plugged
- Gas line plugged
- Hole in gas line
- Gas supply valve turned off
- Dead-man safety switch inoperable (foot lever must be depressed)
- Safety switch wire or connectors not making good contact
- Other engine problems (Refer to engine manual)

STARTS BUT NO HIGH SPEED

- Engine problems
- Throttle cable broken or seized
- Throttle lever and connectors loose or out of adjustment
- Clutch shoes worn

TROWELS TURN, ENGINE AT IDLE

- Idle too fast
- Belt too tight
- Clutch seized

MACHINE JUMPS ON FLOOR

- Concrete hardened on bottom of spider plate
- Trowels unevenly worn
- Spider plate seized
- Spider plate loose
- Trowel arms bent
- Adjusting screws (carriage bolts) incorrectly set - use spider plate adjustment jig (pg,13)
- Mainshaft bent
- Steering handle too far right or left

SPIDER PLATE HARD TO GREASE

- Fittings plugged
- Cement in grease grooves of arms
- Grease fittings too tight

PITCH CONTROLS WILL NOT OPERATE BLADES

- Cable broken or out of adjustment
- Slot screw missing (under-side of handle)
- Pressure plate and/or yoke arm broken or badly worn
- Hand crank adjuster not working

BELT WEARING RAPIDLY

- Belt adjusted improperly
- Pulley out of alignment
- Wrong belt/defective belt
- Clutch sticking
- Gearbox seizing

OIL LEAKS

- Top of gearbox**
 - Engine leaks
 - Relief valve broken
 - Too much oil in gearbox
 - Set screw missing in cover
- Between end cap and gearbox (recoil side)**
 - "O" ring damaged
 - End cap not tight
- At mainshaft or countershaft**
 - Relief valve seized
 - Shaft and/or seal worn

BLADES HITTING EACH OTHER (MODIFIED MODELS ONLY)

- Blades out of synch
- Sheared key in spider plate or gearbox
- Drive shaft misaligned

WON'T MOVE FORWARD OR REVERSE

- Pins or forward/reverse lever broken
- Rod end seizing on F/R lever
- Connecting rod broken

WON'T STEER LEFT OR RIGHT

- Steering arms broken
- Linkage worn out
- Gearbox stud sheared
- Rod end connecting shaft loose

DRIVE SHAFT WILL NOT TURN

- Universal joint(s) seized
- Yoke arm broken
- Spline stripped
- Key sheared

SPECIFICATIONS

RIDE-ON POWER TROWEL

BXR836 (GASOLINE)	
Engine	Honda 24 HP
Length	73" (186 cm)
Width	40" (102 cm)
Height (without seat & steering levers)	40" (102 cm)
Weight	492 lbs. (223.6 kg)
Trowel Coverage	14.5 sq. ft. (1.45 sq. m)
Travel Speed	Up to 380 ft/min (115 m/min)
Dual Rotor Speeds	145 rpm
Float Blade Size	10" x 14" (25 x 36 cm)
Finish Blade Size	6" x 14" (15 x 36 cm)
Combo Blade Size	8" x 14" (20 x 36 cm)
Electric Start	Yes
Electrical System	12 Volt
Charging System	16 Amps
Battery	12 Volt
Dead-man Safety Switch	Yes
Fuel Capacity (approximately)	3 Gal. (12.5 L)
Running Time (approximately)	2.5 hours
Steering Levers	Twin Stick
Variable Speed Clutch	Yes
Single Belt Drive	Yes
Standard Features	Seat Adjuster Hour Meter 50W Light Package (4 light kit)
Options	Transporter Lifting Hooks Combo Blades

**BXR836
ASSEMBLY DRAWINGS AND PARTS
LIST**

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* Serial:

* Part Number:

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**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information to help us find the right part for your machine.

Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Serial:	<input type="text"/>
Description:	<input type="text"/>
Part Number:	<input type="text"/>
Quantity:	<input type="text"/>
Notes:	<input type="text"/>

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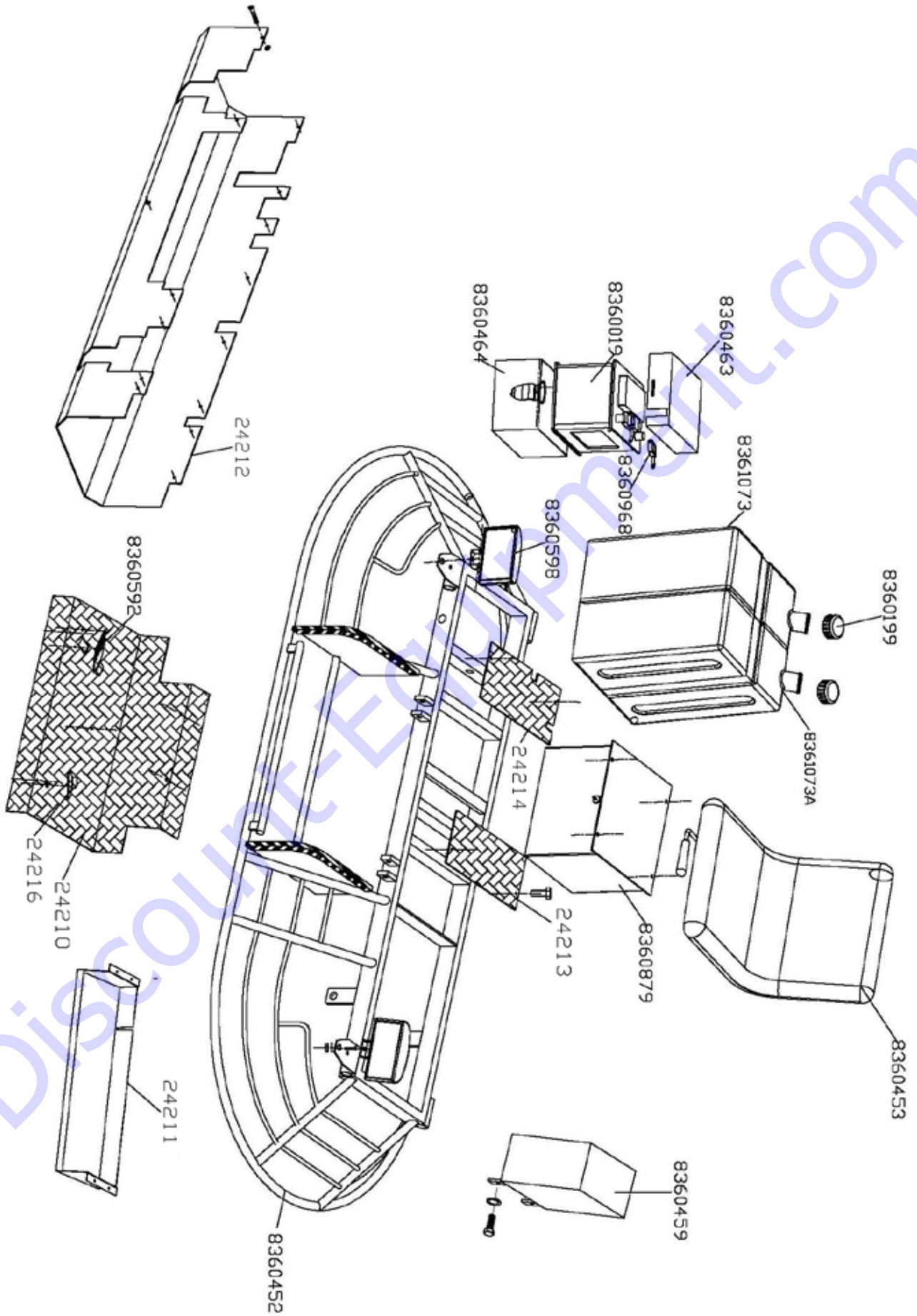
Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

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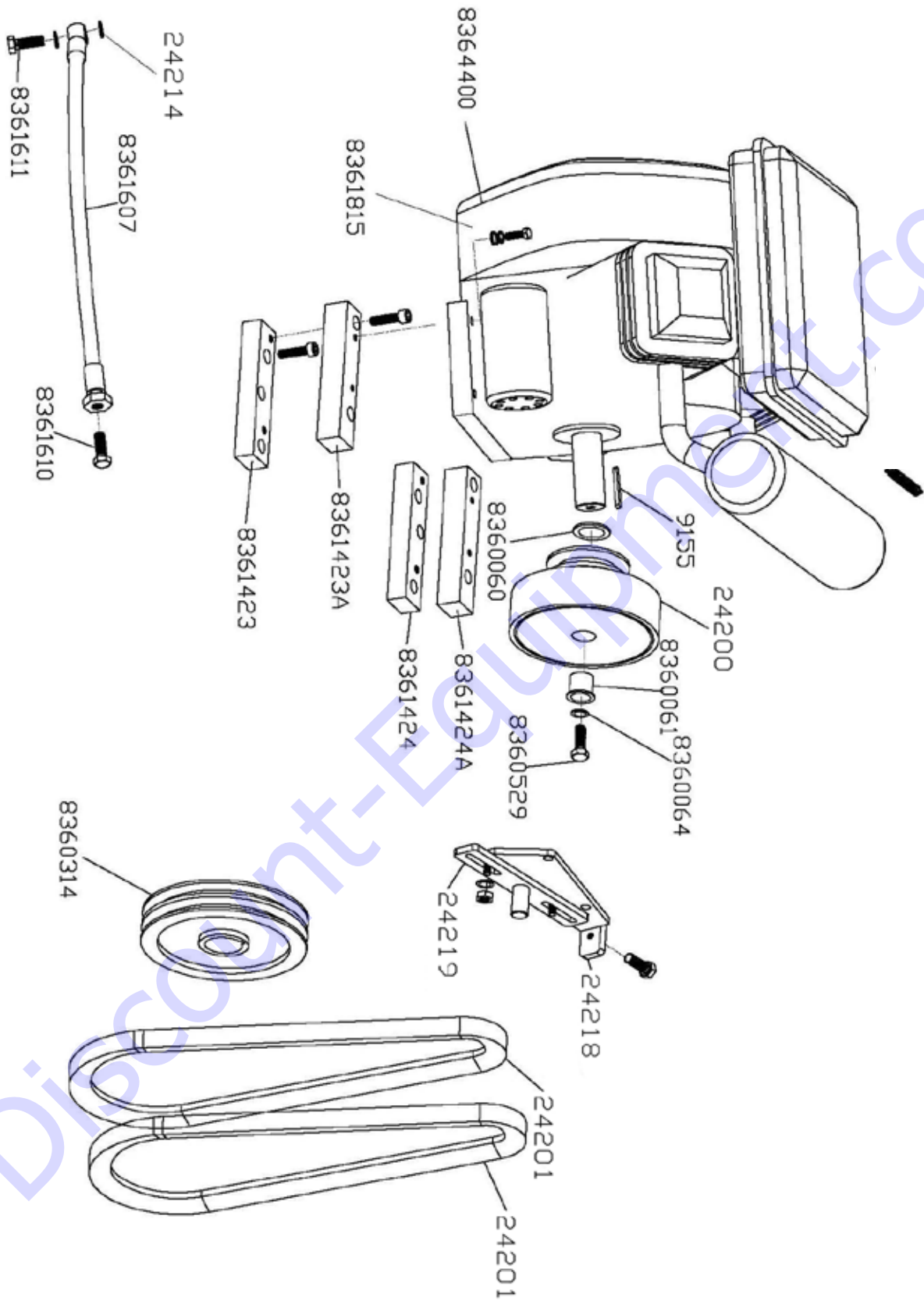
Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

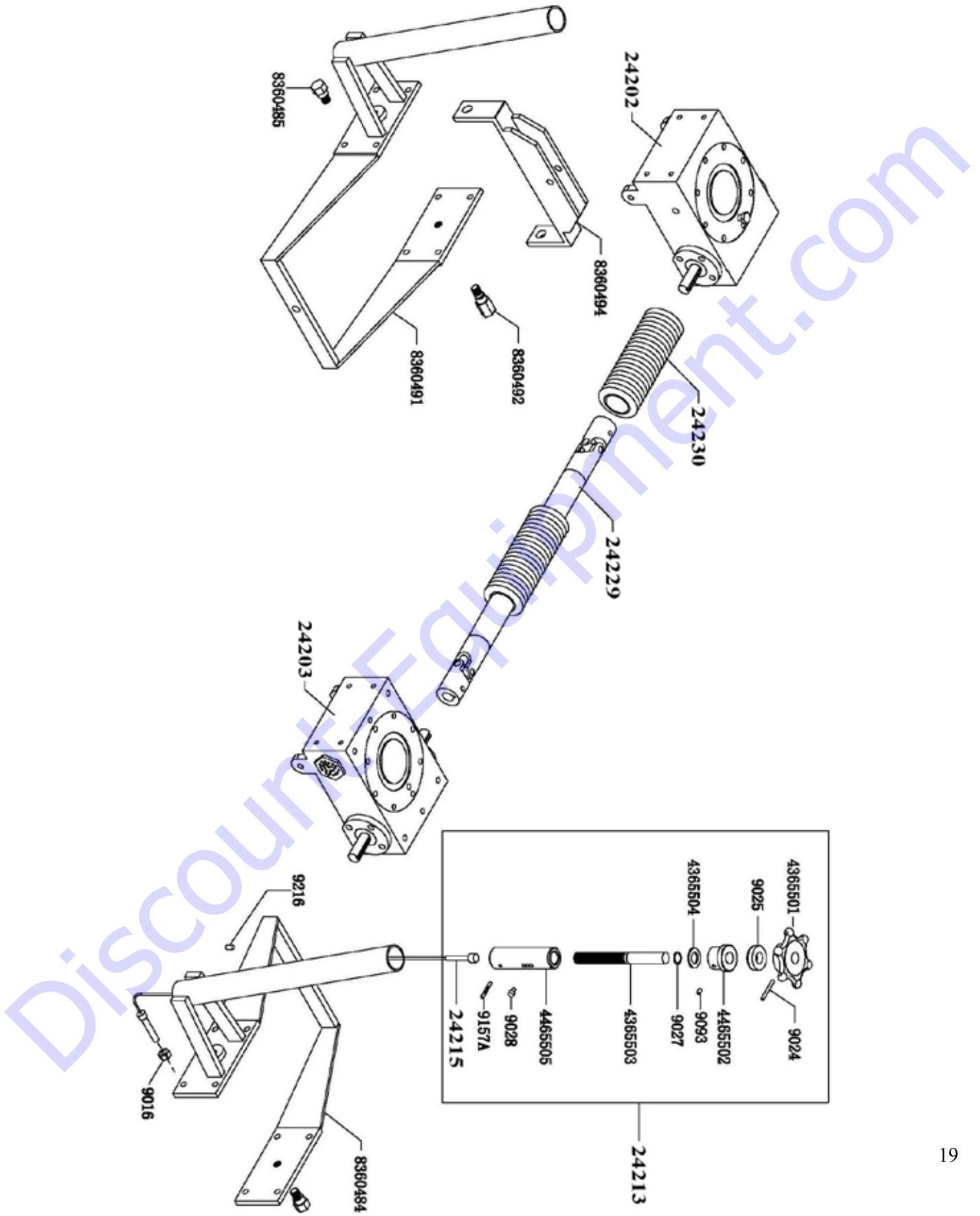
FRAMEWORK



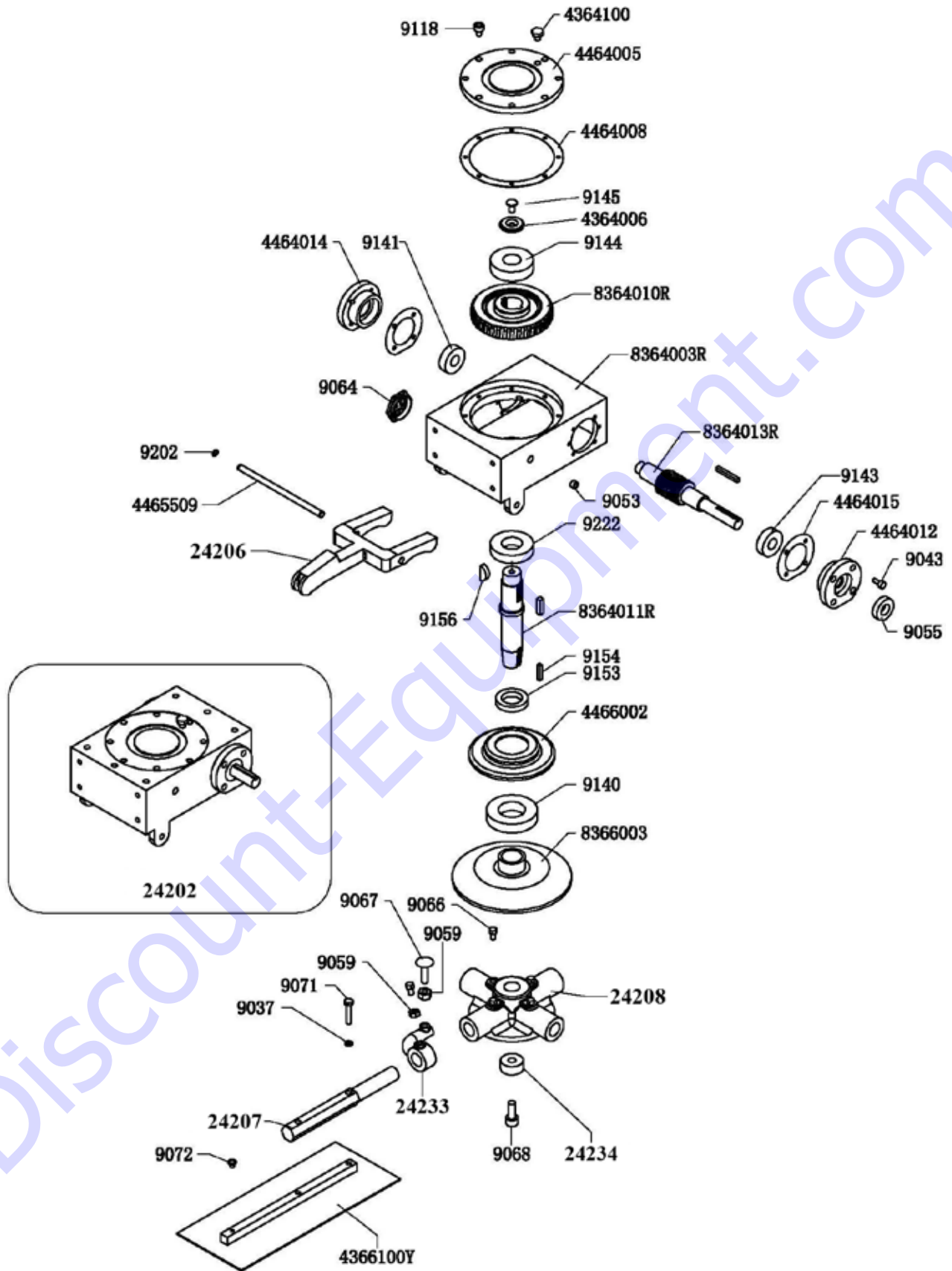
POWER SYSTEM



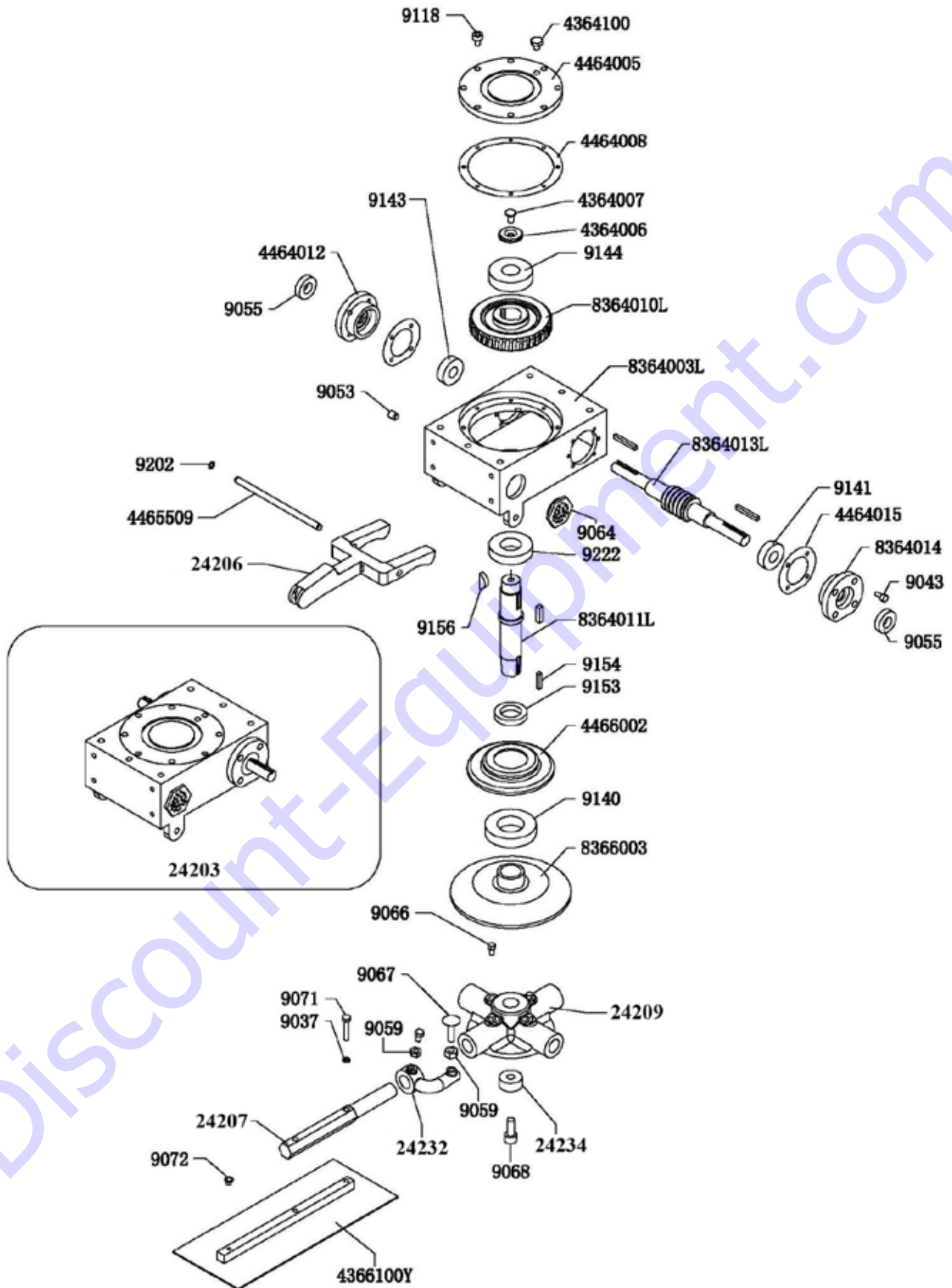
STEERING AND BLADE ADJUSTMENT SYSTEM



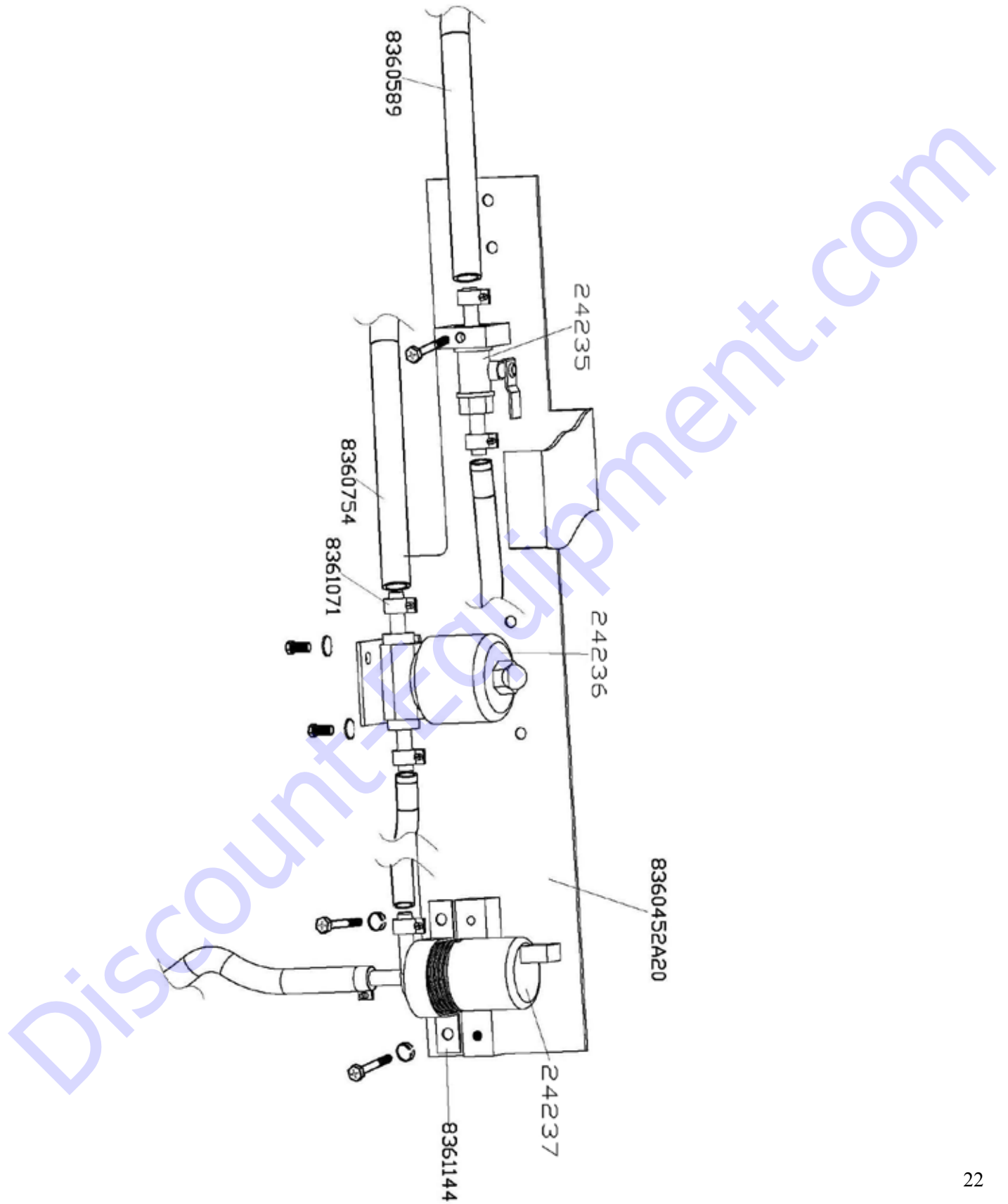
GEARBOX ASSEMBLY: RIGHT



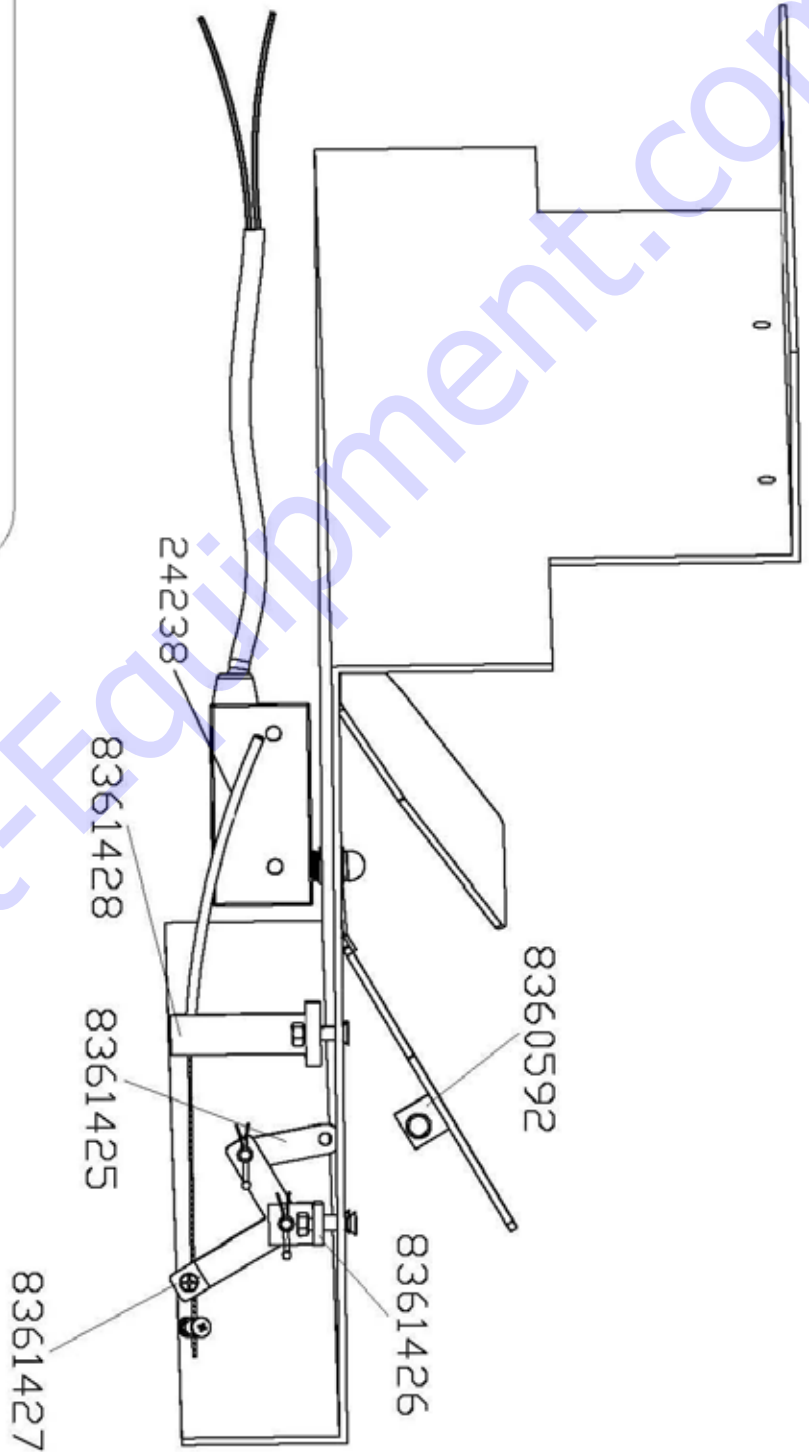
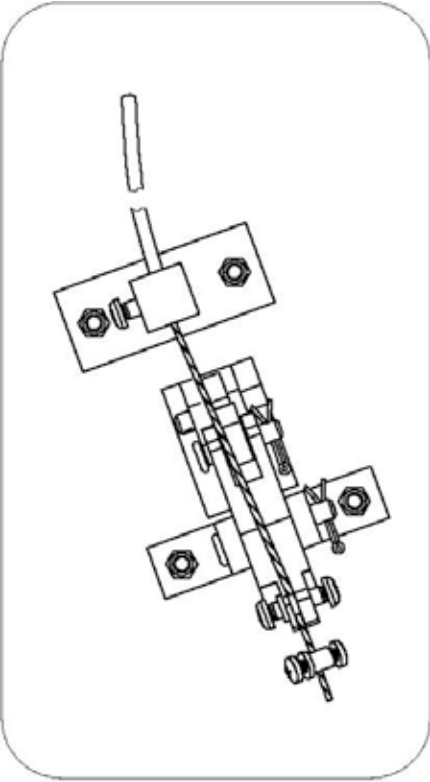
GEARBOX ASSEMBLY: LEFT



WATER SPRAY SYSTEM



FOOT THROTTLE KIT



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FRAMEWORK		
PARTS NO.	DESP.	QTY
8360452	GUARD RING	1
8361436	FOOT BOARD	1
8361437	COVER BOARD, THROTTLE	1
8360538	COVER BOARD, BOTTOM	1
8360454	COVER BOARD	1
8360455	COVER BOARD	1
8360879	TOOL BOX	1
8360453	CHAIR	1
8360459	COVER CLUTCH	1
8361073	WATER TANK	1
8361073A	PETROL TANK	1
8360199	CAP	2
8360464	BATTERY BOX	1
8360019	BATTERY	1
8360463	BATTERY COVER	1
8360968	CONNECTOR, BATTERY	1
8360592	THROTTLE CONTROL	1
8361062	SAFTY SWITCH	1
POWER SYSTEM		
PARTS NO.	DESP.	QTY
8364400	HONDA GX670	1
8361423	ENGINE MOUNTING BAR	1
8361423A	ENGINE MOUNTING BAR	1
8361424	ENGINE MOUNTING BAR	1
8361424A	ENGINE MOUNTING BAR	1
8361815	CLUTCH	1
8360060	WASHER	1
8360061	BUSHING	1
8360064	WASHER	1
8360529	BOLT	1
9155	KEY	1

8361607	OIL PIPE	1
8361620	WASHER	2
8361611	BOLT	1
8361610	BOLT	1
8360314	PULLEY	1
8361458	MOUNGTING PLATE, PULLEY	1
8361125	ADJUST PLATE, PULLEY	1
8360249	BELT - V15X880	2
	DRIVING SYSTEM	
PARTS NO.	DESP.	QTY
8361975	DRIVE LEVER, RIGHT	1
8361976	DRIVE LEVER, LEFT	1
8360501	T-CONNECTOR	2
8361194	BUSHING	4
8361195	BUSHING	4
9030	LOCK PIN	2
9502B	OIL CAP	2
9502C	OIL CAP	2
8369035	PLASTIC HANDLE	2
8361301	BUTTON, WATER SPRAY SYSTEM	1
8360504	CONNECT SHAFT	1
8360505	CONNECT BEARING	6
8360506	CONNECT SHAFT	2
8360495	U-CONNECTOR	6
8360507	CONNECT SHAFT	2
8360508	CONNECT SHAFT	2
8360515	OSCILLATING SHAFT	1
8360509	BRACKET BEARING	6
8360512	TUMBLE BOARD	1
8360510	TRANSMISSION SHAFT	1
8360511	TRANSMISSION SHAFT	1
PHS14 (9501)	BEARING	1
POS14 (9500)	BEARING	1
8360053	BUSHING	1
	STEERING SYSTEM	
PARTS NO.	DESP.	QTY
8360488	JOINT SHAFT	1
8360489	RUBBER COVER	2
8364000R	GEARBOX, RIGHT	1
8364000L	GEARBOX, LEFT	1

8360491	BRACKET, RIGHT	1
8360494	BRACKET	2
8360485	BOLT	1
8360492	BOLT	1
8360484	BRACKET, LEFT	1
9216	SCREW	1
4465500	BLADE ADJUSTMENT SYSTEM	2
PARTS NO.	DESP.	QTY
0470	QUICK PITCH	2
9025	BEARING	2
9024	LOCK PIN	2
4465502	BUSHING	2
4365504	WASHER	2
9026	SCREW	2
9027	WASHER	2
4365503	ADJUST SHAFT	2
4465505	ADJUST SHAFT BUSHING	2
9028	SCREW	2
9157A	PIN	2
0973	WIRE	2
8364000R	GEARBOX ASSY (R)	
PARTS NO.	DESP.	QTY
8364003R	GEARBOX CASING	1
4464005	GEARBOX COVER	1
8364010R	BROZE GEAR	1
8364013R	COUNTER SHAFT	1
8354011R	MAIN SHAFT	1
4464008	SHIMMING	1
4364006	PRESSURE WASHER	1
4464015	SHIMMING	2
4464012	RIGHT BEARING FLANGE	1
4464014	RINGHT BEARING FLANGE	1
4364100	RELEASE VALVE	1
9118	SCREW	8
9145	SCREW	1
9144	BEARING	1
9141	BEARING	1
9143	BEARING	1
9043	SCREW	8
9055	SEAL	2

9064	GLASS EYE	1
9053	PLUG	1
9156	KEY	1
PARTS NO.	DESP.	QTY
4465510	YOKE ARM	1
4465509	SHAFT, YOKE ARM	1
9202	RETAINER RING	1
4466002	PRESSURE PLATE COVER	1
8366003	PRESSURE PLATE	1
8366005R	RIGHT SPIDER PLATE	1
8366006	LIFT LEVER	4
4466004	BUSHING	1
8366001	TROWEL ARM	4
9059	NUT	8
9066	SCREW	8
9067	BOLT	4
9068	BOLT	1
9140	BEARING	1
9153	SEAL	1
9154	KEY	1
9222	BEARING	1
8364000L	GEARBOX ASSY (L)	
PARTS NO.	DESP.	QTY
8364003L	GEARBOX CASING	1
4464005	GEARBOX COVER	1
8364010L	BROZE GEAR	1
8364013L	COUNTER SHAFT	1
8354011L	MAIN SHAFT	1
4464008	SHIMMING	1
4364006	PRESSURE WASHER	1
4464015	SHIMMING	2
4464012	LEFT BEARING FLANGE	1
8364014	RINGHT BEARING FLANGE	1
4364100	RELEASE VALVE	1
9118	SCREW	8
4364007	SCREW	1
9144	BEARING	1
9141	BEARING	1
9143	BEARING	1
9043	SCREW	8

9055	SEAL	2
9064	GLASS EYE	1
9053	PLUG	1
9156	KEY	1
PARTS NO.	DESP.	QTY
4465510	YOKE ARM	1
4465509	SHAFT, YOKE ARM	1
9202	RETAINER RING	1
4466002	PRESSURE PLATE COVER	1
8366003	PRESSURE PLATE	1
8366005L	LEFT SPIDER PLATE	1
4466004	BUSHING	1
4466006	LIFT LEVER	4
8366001	TROWEL ARM	4
9059	NUT	8
9066	SCREW	8
9067	BOLT	4
9068	BOLT	1
9140	BEARING	1
9153	SEAL	1
9154	KEY	1
9222	BEARING	1
	WATER SPRAY SYSTEM	
PARTS NO.	DESP.	QTY
8360589	OIL PIPE	2
8361476	VALVE	1
8360754	WATER PIPE	2
8361071	JOINT	6
8361142	SOLENOID PILOT ACTUATED VALVE	1
8361067	WATER PUMP	1
8361144	MOUNTING PLATE, WATER PUMP	1
	FOOT THROTTLE KIT	
PARTS NO.	DESP.	QTY
8360592	FOOT THROTTLE PARTS	1
8361425		1
8361426		1
8361427		1
8361428		1

RIDE-ON POWER TROWEL WARRANTY

- All ride-on trowels sold by Bartell Morrison Inc. are warranted against defects in materials and/or workmanship; excluding normal wear on wearing components and components covered by a separate original manufacturers warranty, for a period of 12 months from the date of sale to the original end user purchaser provided that certain conditions have been met.

Conditions:

1. The equipment serial number has been registered with Bartell Morrison Inc. or its approved dealers, distributors, representatives or agents.
2. The equipment has been operated in an appropriate manner by qualified individuals.
3. The equipment has been properly maintained as per the instructions included in the Owner's Manual.
4. All claims for warranty must be filed on proper forms and include the serial number of the equipment along with proof of purchase.

Any evidence of failure to meet these conditions may result in a denial of the warranty claim.

- Consideration of warranty claims will be at the sole discretion of Bartell Morrison Inc., or its authorized dealers, distributors, representatives or agents.
- Bartell Morrison Inc. may, at its discretion, request that the equipment to be considered for warranty be returned at the owner's expense to an authorized repair facility for inspection.
- Under this warranty we may, at our discretion, repair or replace a part or the whole of the defective component or equipment.
- Our Warranty coverage is limited to the cost to repair or replace the defective portion of the equipment and a reasonable (as determined by Bartell Morrison Inc.) amount of labour to conduct the repair or replacement. Under no circumstances shall Bartell Morrison Inc. be liable for any additional or exceptional costs beyond the cost to repair or replace the defective portion of the equipment. Bartell Morrison Inc. shall not be held accountable for; costs associated with travel to inspect or repair defective equipment, costs for transporting defective equipment to or from an authorized repair facility, costs incurred to repair or replace the defective equipment at any facility other than one authorized by Bartell Morrison Inc., or ancillary damage caused by or as a result of the defective equipment.
- Under no circumstances shall equipment be returned to Bartell Morrison Inc. or its authorized dealers, distributors, representatives or agents without the approval of Bartell Morrison Inc. as evidenced by a Returned Goods Number. To obtain a Returned Goods Number contact the factory or your authorized dealer, distributor, representative or agent.
- This warranty is for the sole benefit of the original end user purchaser and is not transferable to any other company or person.

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