



# **OUTLAW & OUTLAW EXTREME MODELS**

## **ZERO-TURN MOWER OWNER'S, SERVICE & PARTS MANUAL**

For additional information, please see us at  
**[www.badboymowers.com](http://www.badboymowers.com)**

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## This manual applies to the following equipment:

### Bad Boy Outlaw Series

Outlaw 5400 54" 810cc Vanguard  
 Outlaw 6100 61" 810cc Vanguard  
 Outlaw 5400 54" 747cc Kohler Confidant  
 Outlaw 6100 61" 747cc Kohler Confidant  
 Outlaw 5400 54" 726cc Kawasaki FX-730  
 Outlaw 6100 61" 726cc Kawasaki FX-730

### Bad Boy Outlaw Extreme Series

Outlaw Extreme 5400 54" 824cc Kohler EFI  
 Outlaw Extreme 6100 61" 824cc Kohler EFI  
 Outlaw Extreme 5400 54" 852cc Kawasaki FX-850  
 Outlaw Extreme 6100 61" 852cc Kawasaki FX-850  
 Outlaw Extreme 7200 72" 852cc Kawasaki FX-850  
 Outlaw Extreme 6100 61" 993cc Vanguard  
 Outlaw Extreme 7200 72" 993cc Vanguard

## COMMONLY USED ITEMS AND PART NUMBERS

72" Blade	Hi-Lift Fusion 038-7230-00	Gator Blade 038-5400-00	Wave Blade 038-7215-00
61" Blade	Hi-Lift Fusion 038-6080-00	Gator Blade 038-6081-00	Wave Blade 038-6090-00
54" Blade	Hi-Lift Fusion 038-0001-00	Gator Blade 038-0003-00	Wave Blade 038-5220-00
Deck Belt	72" 041-0202-00	61" 041-0178-00	54" 041-1650-00
Drive Pump Belt	041-5048-00		
Vanguard 993cc	Oil Filter 063-8018-00	Air Filter (Inner) 063-8020-00	Air Filter (Outer) 063-8019-00
Kawasaki 852cc	Oil Filter 063-8017-00	Air Filter (Inner) 063-8020-00	Air Filter (Outer) 063-8019-00
Kawasaki 726cc	Oil Filter 063-8017-00	Air Filter (Inner) 06390100-00	Air Filter (Outer) 063-9005-00
Vanguard 810cc	Oil Filter 063-8018-00	Air Filter (Inner) 063-8020-00	Air Filter (Outer) 063-8019-00
Kohler 747cc	Oil Filter 063-54008-00	Air Filter 063-5005-00	
Kohler 824cc EFI	Oil Filter 063-54008-00	Air Filter 063-8019-00	
Motor Oil	10W-30 Motor Oil – Bad Boy Synthetic Blend Motor Oil Recommended		
Transaxle Hydro Oil (20W-50)	<u>Outlaw Extreme</u> 4.75 quarts per transaxle		<u>Outlaw</u> 4 quarts per transaxle
Transaxle Oil Filters	<u>Outlaw Extreme:</u> 063-1060-00		<u>Outlaw:</u> 063-1070-00

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## SECTION 1: BASIC INFORMATION

Congratulations on the purchase of your new Bad Boy Mower! The purpose of this manual is to assist operators in maintaining and operating their machine. The information and instructions in this manual can help you attain years of performance from your new Bad Boy. Also, check out our website to learn more about the Bad Boy family.

- 1.1 All Bad Boy engines use 10W-30 engine oil. For maximum protection, Bad Boy synthetic blend engine oil is recommended.
- 1.2 All Bad Boy hydraulic systems use 20W-50 engine oil (Conventional or Synthetic). Bad Boy Hydrostatic oil is recommended.
- 1.3 All Bad Boy Mowers use hi-temp multi-purpose grease. NLGI No. 2 for the grease fittings.
- 1.4 Outlaw models have 12 psi in both front and rear tires.
- 1.5 Most Briggs, Kohler, Kawasaki, and Vanguard engines hold approximately two (2) quarts of motor oil. Be careful not to over fill engine oil. Refer to the engine's service manual.

### Warranty Registration

The Warranty Registration form must be completed within 30 days to validate your warranty. As the new equipment owner, you are expected to see that the form is completed and forwarded to Bad Boy, Inc., at time of delivery. Warranty is non transferable. **Warranty registration should be completed by the selling dealership using the on-line registration site.**

### Model/Serial Number

Your Outlaw model serial numbers are found on the SIN plate underneath seat. Also, these numbers can assist you in the ordering of new parts when replacements become necessary.

### Parts/Service

Only Bad Boy replacement parts are to be used on your mower.

Replacement parts are available through your local Bad Boy Mower Dealer. Remember to always provide the following information when ordering parts:

1. Correct part number
2. Correct serial number

All warranty repair and service must be handled through your authorized Bad Boy Mowers dealer.

To locate the nearest dealer, go to our website and click on Locate a Dealer.

## EVAPORATIVE EMISSION CONTROL WARRANTY STATEMENT

### ***Federal Evaporative Emission Control Warranty: Your Warranty Rights and Obligations***

The Environmental Protection Agency (EPA), and Bad Boy Inc. are pleased to explain the evaporative emission control system's warranty on your 2015 equipment. New equipment that uses spark ignition engines for off-road use must meet stringent anti-smog standards. The evaporative emission control system on your equipment is designed, built, and equipped so it conforms at the time of sale to the ultimate purchaser with the requirements of 40 CFR 1060. The evaporative emission control system is free from defects in materials and workmanship that may keep it from meeting said requirements. Bad Boy Inc. must warrant the evaporative emission control system on your equipment for two years provided there has been no abuse, neglect or improper maintenance. If an evaporative emission control system component does fail in a manner that would cause the equipment to no longer meet the requirements of 40 CFR 1060 within the first two years Bad Boy Inc. will replace the defective component. Your evaporative emission control system may include parts such as fuel tanks, fuel lines, carbon canisters, fuel caps, valves, vapor hoses, clamps, or connectors.



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## SECTION 2: MOWER SAFETY GUIDELINES

Never allow untrained people to operate this machine. It is the owner's responsibility to get training and see to it that anyone who has permission to use your machine receives the proper training. Do not mow around people. The factory discharge chute is designed to deflect debris downward, but it could be possible for debris to be thrown in a way that can cause damage to people or property. Seek additional training when possible to learn more about safety techniques and practices. **This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.**

### GENERAL OPERATION

- 2.1 Read, understand, and follow all instructions on the machine and in the manual before starting.
- 2.2 Do not put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.
- 2.3 Always remain seated while operating the machine. If the machine is equipped with Roll Over Protection (ROPs), always buckle your seat belt.
- 2.4 Only allow responsible adults who are familiar with the instructions to operate this machine.
- 2.5 Clear the area of objects such as rocks, wire, toys, etc., which could be thrown by the blades.
- 2.6 Always maintain a safe distance from people and pets just prior to, and during, operation. Stop the machine if anyone enters the area.
- 2.7 Never carry passengers.
- 2.8 Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- 2.9 Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction as material may ricochet back toward the operator. Stop the blades when crossing gravel surfaces.
- 2.10 Never operate the machine without the discharge chute, grass catcher, or other safety devices correctly in place and functioning properly.
- 2.11 Slow down before turning.
- 2.12 Always disengage blades, place steering controls in neutral, engage parking brake, and remove ignition key when leaving operators seat. Never leave a running machine unattended.
- 2.13 Disengage blades when not mowing. Shut off engine and wait for all parts to come to a complete stop before cleaning the machine, inspecting the machine for damage, removing the grass catcher, or unclogging the discharge guard.
- 2.14 Always operate machine in daylight or with adequate working lights.
- 2.15 Do not operate the machine while under the influence of alcohol or drugs.
- 2.16 Watch for traffic when operating near or crossing roadways.
- 2.17 Always wear eye protection when operating or servicing the machine.
- 2.18 Always wear ear protection, such as earplugs, while mowing.
- 2.19 Use extra care when loading or unloading the machine into a trailer or truck.
- 2.20 Be alert of surroundings. Watch for rocks, stumps, mounds, depressions, and low hanging limbs or objects that could be potentially hazardous while mowing.
- 2.21 Data indicates that operators 60 years of age and above are involved in a large percentage of riding mower related injuries. These operators should periodically evaluate their ability to operate the riding mower safely enough to protect themselves and others from serious injury.

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## SLOPE OPERATION

Slopes are a major factor related to loss of control and tip over accidents, which can result in severe injury or death. Operation on all slopes requires extra caution. If you cannot back up the slope, or you feel uneasy on it, do not mow it.

- 2.22 Mow up and down slopes, not across.
- 2.23 Watch for holes, ruts, bumps, rocks, or other hidden objects that tall grass can obscure. Uneven terrain could overturn the machine.
- 2.24 Choose a low ground speed when operating the machine on a slope.
- 2.25 Do not mow on wet grass, the tires may lose traction.
- 2.26 Do not attempt to coast down a slope in the neutral position.
- 2.27 Avoid starting, stopping, or turning on a slope. If the tires lose traction, disengage the blades and proceed slowly, straight down the slope.
- 2.28 Keep all movement on slopes slow and gradual. Sudden changes in speed or direction could cause the machine to roll over.
- 2.29 Use extra care while operating machine with grass catchers or other attachments: they can affect the stability of the machine. Do not use on steep slopes.
- 2.30 Do not try to stabilize the machine by putting your foot on the ground.
- 2.31 Do not mow near drop offs, ditches or embankments. The machine could suddenly roll over if a wheel goes over the edge or the edge caves in.
- 2.32 Be aware of what is located at the bottom of slopes. For example: rocks water, cliffs, and roadways.

## CHILDREN

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. NEVER assume that children will remain where you last saw them.

- 2.33 Keep children out of the mowing area and in the watchful care of a responsible adult other than the operator.**
- 2.34 Maintain alertness and turn machine off if a child enters the area.**
- 2.35 Before and while backing, look behind and down for small children.**
- 2.36 Never carry children, even with the blades shut off. They may fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past may suddenly appear in the mowing area for another ride and be run over or backed over by the machine.**
- 2.37 Never allow children to operate the machine.**
- 2.38 Never leave key in the ignition, especially around children.**
- 2.39 Use extreme care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.**

## TOWING

- 2.40 Tow only with a machine that has a hitch specifically designed for towing. Do not attach towed equipment except at the hitch point.
- 2.41 Follow the manufacturer's recommendation for weight limits for towed equipment and towing on slopes.
- 2.42 Never allow children or others in or on towed equipment.
- 2.43 On slopes, the weight of the towed equipment may cause loss of traction and loss of control.
- 2.44 Travel slowly and allow extra distance to stop.



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## SERVICE:

### SAFE HANDLING OF GASOLINE

To avoid personal injury or property damage, use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive.

- 2.45 Extinguish all cigarettes, cigars, pipes, and all other sources of ignition.
- 2.46 Use only an approved gasoline container.
- 2.47 Never remove gas cap or add fuel with the engine running.
- 2.48 Allow engine to cool before refueling.
- 2.49 Never fuel the machine indoors.
- 2.50 Do not store machine near open flame or source of ignition, such as a water heater or furnace.
- 2.51 Remove gas powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment with a portable container, rather than from a gasoline dispenser nozzle.
- 2.52 Never fill gasoline containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
- 2.53 Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until the fueling is complete. Do not use a nozzle lock-open device.
- 2.54 If fuel is spilled on clothing, change clothing immediately.
- 2.55 Never overfill fuel tank. Replace gas cap and tighten securely. **Tank is full when level reaches bottom of fill tube.**

### GENERAL SERVICE

- 2.56 Never operate machine in a closed area where dangerous carbon monoxide fumes can collect.
- 2.57 Keep all nuts and bolts tight to be sure the equipment is in safe working condition. Never operate a poorly maintained machine.
- 2.58 Do not touch hot areas of the machine.
- 2.59 Never interfere with the intended function of a safety device or reduce the protection provided by a safety device. Check their proper operation regularly.
- 2.60 Keep the entire machine free of grass, leaves, or other debris build up. Clean up oil or fuel spillage and remove any fuel soaked debris. Failure to do so can affect the safety and functionality of the machine, as well as increase the danger of a fire due to contact with the hot surfaces of the machine.
- 2.61 Allow machine to cool before storing.
- 2.62 If you strike something with the mower, turn the mower and blades off, engage the parking brake, and inspect the machine for damage. Repair, if necessary, before resuming.
- 2.63 Never make any adjustments or repairs with the engine running.
- 2.64 Check grass catcher components and the discharge guard frequently and replace with manufacturer's recommended parts, when necessary.
- 2.65 Mower blades are sharp. Wrap the blade or wear gloves before servicing them.
- 2.66 Check parking brake operation frequently. Adjust and service as required.
- 2.67 Maintain or replace safety and instruction labels, as necessary.
- 2.68 Do not attempt to mount a tire without the proper equipment and experience to perform the job.



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- 2.69 Always maintain the correct tire pressure. Do not inflate the tires above the recommended pressure. Never weld or heat a wheel and tire assembly. The heat can cause an increase in air pressure resulting in a tire explosion. Welding can structurally weaken or deform the wheel.
  - 2.70 Park machine on level ground. Never allow untrained personnel to service machine. Understand service procedure before doing work.

## SAFETY INTERLOCK SYSTEM

Your Bad Boy mower is equipped with a safety interlock system. This system is designed to prevent serious injury or death to the operator and other people or property damage. The system consists of an operator presence switch in the seat, the parking brake, drive lever neutral position, the mower blade engagement switch, and the ignition switch.

These interlocks are vitally important and must be tested frequently. Following are instructions to test these very important safety precautions. **Note: the operator must be seated properly on the machine during these tests and the engine should have been previously allowed to warm to operating temperature.**

- 2.71 With the parking brake engaged, bring lever arms to their inward position, then attempt to start the machine (the blade actuator should be in off position); the engine should not start.
- 2.72 On a level surface, disengage the parking brake and place lever arms to their outward position, then attempt to start the machine (the blade actuator should be in off position); the engine should not start.
- 2.73 Engage parking brake and leave lever arms in outward position, put blade actuator in the on position, then attempt to start the machine; the engine should not start.
- 2.74 Next, start the engine as stated in the "Mower Operation Section", disengage parking brake, and Very Slowly begin to rise from the seat; the engine should stop.

If any of these tests fail to produce the results indicated and the problem cannot be identified, contact your Bad Boy Mower dealer or the support contacts in the rear of this manual.

## ROLL OVER PROTECTION STRUCTURES (ROPS)

If your machine is equipped with ROPS, it is of utmost importance they are used properly. ROPS, when used correctly, dramatically decrease the fatality rate in instances when the machine overturns.

- 2.75 Periodically ensure the bolts that attach the ROPS to the machine are securely fastened.
- 2.76 Always operated the machine with the ROPS secured in the upright position.
- 2.77 If the surrounding environment (e.g. low lying limbs, signage, etc.) makes it impossible to mow with the ROPS upright, lower the ROPS at the hinge point, mow the area, then immediately secure the ROPS upright.
- 2.78 Upright ROPS are taller than then operators head. Be aware of this and your surrounding environment, as referenced above. The mower and operator may clear low lying items, but the ROPS may not.
- 2.79 Always wear the provided seat belt when ROPS are utilized. Failure to use the seat belt severely handicaps the safety benefits of the ROPS.
- 2.80 In the event of a roll-over, replace the ROPS before resuming use of the machine.





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## SECTION 3: MOWER OPERATION

***Never operate the machine with faulty equipment. Always be alert of sudden changes in landscape, as the mower will react differently on slopes or embankments than it will on flat surfaces. Never operate the mower with the discharge chute open. Do not cross terrain, other than grass, with blades turning. This could cause damage to property or bystanders.***

- 3.1 Place parking brake in up position
- 3.2 Drive arms must be in the “open” position. While sitting on the machine, each arm is positioned away from the operator, to the right and left. Drive arms will lock into place and must be in this position to start machine.
- 3.3 Put PTO switch in the OFF position.
- 3.4 Your machine has been equipped with ROPS (Roll Over Protection System). The operator must fasten his or her seat belt while operating the mower.
- 3.5 If machine has not been started recently, engage the choke.
- 3.6 Make sure nothing is under or around machine.
- 3.7 Place key in ignition and turn.
- 3.8 Once machine is started, disengage the choke.
- 3.9 Increase RPM by sliding the throttle to fast position, toward the rabbit.
- 3.10 Owners must become familiar with the controls before operating a zero-turn radius vehicle.
- 3.11 Start slowly and build your skill level. Have ample practice before using the machine at full capabilities.
- 3.12 Be comfortable with machine before engaging blades. Know what each component controls before using machine.
- 3.13 Your mower will perform differently on an incline /decline. Be cautious, slow down, and do not make any sudden jerking movements with control arms. The machine could lose traction on a decline or tip backwards on an incline.
- 3.14 Once you become comfortable with your Bad Boy Mower you will notice your overall mowing time will decrease.

***Avoid operating your mower on side hills of over 5 degrees,  
inclines of over 10 degrees,  
and declines of over 15 degrees.***

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## SECTION 4: MOWER MAINTENANCE

*\*\*Check each and provide maintenance when needed.*

### DAILY

- 4.1 Check Engine Oil
- 4.2 Check Engine Air Filter
- 4.3 Tire Pressure and Wheel Lug Nuts
- 4.4 Inspect Blades

***Within FIRST five hours of usage, change engine oil and filter***

### EVERY 30 HOURS OF USAGE

- 4.5 Grease Machine

### EVERY 50 HOURS OF USAGE

- 4.6 Replace Engine Oil and Filters

***Replace filters once a year if under 50 hours***

***Check air and fuel filters more often in dry, dusty conditions***

***Within FIRST 50 hours of usage, change hydraulic oil and filters***

### EVERY 250 HOURS OF USAGE

- 4.7 Change Hydraulic Fluid and Filters
- 4.8 Refer to manufacturer manual for specific information on maintenance schedules.

## SECTION 5: MOWER STORAGE & TRANSPORTATION

- 5.1 Keep machine from collecting debris by storing in a covered area while not in use.
- 5.2 Fuel can harm your machine if left for more than 30 days without changing, especially if the fuel contains ethanol. Never use fuel with more than 10% ethanol by volume. E-15 is not permitted.
- 5.3 Disconnect the negative battery cable when machine will be stored for more than 30 days.
- 5.4 Always secure machine properly when transporting machine.
- 5.5 Do not load machine on trailer with blades engaged.
- 5.6 Do not use ramps to load the machine.
- 5.7 Make sure Parking Brake is in “up” position.
- 5.8 In wet conditions tires may spin while loading / unloading. If necessary, wait for dry conditions before loading / unloading.
- 5.9 Make sure mode of transportation is suitable to bear the weight of mower.
- 5.10 Deck height should be set at maximum before attempting to load.
- 5.11 Secure mower with at least two straps capable of securing weight of mower.



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## SECTION 6: TROUBLESHOOTING

6.1 **Q:** *How do I prevent an uneven cutting pattern and increase the quality of cut?*

6.1 **A:** Check tire pressure, check blade sharpness (replace blades or sharpen at least once per year or when needed), make sure blades are tightened properly, check spring and belt tension, check the underside of the deck to ensure the mower deck is free of grass build-up and debris, make sure your machine is at full throttle, and vary your mowing pattern each time you cut your grass.

6.2 **Q:** *What should I do if my mower won't start?*

6.2 **A:** Check battery charge and connection (grounds), check your fuel (make sure fuel is less than 30 days old and contains no water), make sure your spark plug is in good condition and spark plug wire is attached, and make sure air filter is clean (a dirty filter makes it more difficult for the engine to draw air). Check the integrity of the 25 amp main fuse; also check for any bare wires and/or bad connections.

6.3 **Q:** *What should I do if the blades won't engage?*

6.3 **A:** Make sure the safety switch is plugged in on the bottom of seat. Check the underside of the PTO engager to ensure the plug is secure at switch.

6.4 **Q:** *What type of fuel is recommended for my mower?*

6.4 **A:** We recommend that you use a name brand fuel to ensure quality. Use fuel with an octane rating near 87. Higher octane fuels offer no benefit. By law, E-15 fuel is not permitted. Usage of E-15 will result in premature engine failure.

6.5 **Q:** *Do you offer touch-up paint for your mowers?*

6.5 **A:** Touch-up paint is available. Contact your local dealer for more information.

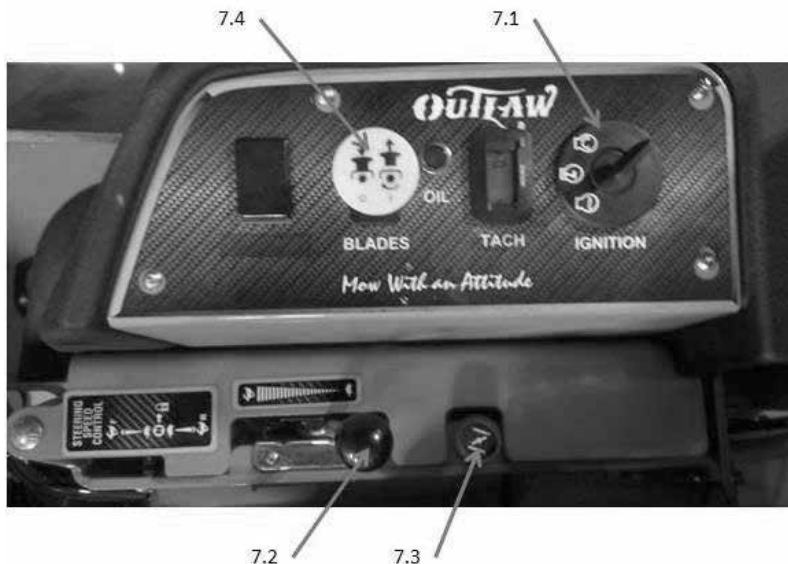
6.6 **Q:** *How durable is the electric deck lift?*

6.6 **A:** The actuator which controls the deck height is designed for moving loads of up to 1000 pounds and has a static holding capability which exceeds 3,000 pounds. Our 1/4" deck weighs approximately 250 pounds which is only 25% of working capability.

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## SECTION 7: CONTROLS

- 7.1 **Ignition Switch**—Bad Boy mowers have a three position ignition switch: off, run, and start. With key inserted, rotate it clockwise to START position and release key when engine starts. Switch will automatically return to the RUN position.
- 7.2 **Throttle Control**—A cable is connected to the engine throttle for controlling engine speed. Move lever forward to increase engine rpm, move lever backward to decrease engine rpm.
- 7.3 **Choke Control**—A cable is linked to manually operate the engine choke. When the lever is in the down position, the choke is in the off (run) position. When the lever is pulled up, the choke is in the on (start) position. Do not operate the machine in the on (start) position.
- 7.4 **Blade Engage Switch**—This switch engages the blades. Pull the switch up to engage; push the switch down to disengage.
- 7.5 **Parking Brake**—This lever engages the parking brake. Pull back fully to engage the parking brake; push forward to disengage.
- 7.6 **Control Arms (not pictured)**—These levers control the mower's speed and direction (left-right and forward-reverse). Pushing the arms to their outward-most position places the mower in neutral.





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## SECTION 8: MOVING INOPERABLE MOWER

- 8.1 Do not tow machine. Use a winch to load on a trailer for transporting.
- 8.2 **ATTENTION:** RETURN BYPASS VALVES TO OPERATING POSITION BEFORE RUNNING MOWER FOLLOWING REPAIRS.
- 8.3 If it becomes necessary to move an inoperable mower, the drive transaxles are equipped with bypass valves that allow the drive tires to rotate freely. These bypass valves are located on top of the Outlaw's transaxles and on the inner side of the Outlaw Extreme's transaxles. Each require a quarter turn to allow for proper bypass.
- 8.4 Your Bad Boy Mower Weighs: **OUTLAW SERIES: 1180—1310 lbs**  
*\*\*\* Weights fluctuate with the addition of accessories.*
- 8.5 As you can see by the weights of the machines, you shouldn't ever try to push or pull a Bad Boy Mower by hand. This could cause serious bodily injury.
- 8.6 Hopefully, you'll never need to use this section of the manual. However, if you do, use extreme caution when moving machine!

## SECTION 9: INSTRUMENTATION

- 9.1 **Electronic Hour Meter**—Registers Hour increments up to 9,999.9 total hours. This meter records the cumulative time the engine is running.
- 9.2 **Oil Light**—Alerts the user of a low oil level situation when lit.

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## SECTION 10: MOWER BLADE MAINTENANCE

- 10.1 Check mower blades after each use. This is essential for maintaining well-groomed turf. Keep the blades sharp. If a dull blade is used for cutting, the grass will tear rather than cut. This could damage the grass leaving a brown frayed top on the grass within a few hours. A dull blade will also require more power from the engine.
- 10.2 NEVER attempt to straighten a bent blade by heating. NEVER attempt to weld a cracked blade. The blades can break and cause serious injury or death.
- 10.3 NEVER work with blades while engine is running or deck clutch is engaged.
- 10.4 ALWAYS place deck clutch in DISENGAGE position while performing maintenance.
- 10.5 Use blocks when you MUST work under mower.
- 10.6 ALWAYS wear thick gloves when handling blades.
- 10.7 ALWAYS check for blade damage if mower strikes rock, branch, or other objects that could potentially damage the blade.

***(REMEMBER: NEVER CHECK BLADE WHILE ENGINE IS ON!  
NEVER CHECK BLADES WHILE BLADES ARE ENGAGED!)***

## SECTION 11: GREASING THE BEARINGS

- 11.1 Park the machine on a level surface and disengage the blade control switch.
- 11.2 Move the motion control levers outward to the neutral position, engage parking brake, stop the engine, remove the key, and wait for all moving parts to stop before leaving the operating position.
- 11.3 Grease Type: NGLI grade #2 multi-purpose gun grease. Grease the front caster pivots.
- 11.4 Clean the grease fittings with a cloth. Scrape any paint off the front of the fitting(s).
- 11.5 Connect a grease gun to each fitting. Pump grease in fittings until grease begins to seep out of the bearings. Wipe up excess grease.
- 11.6 Refer to service manual section for grease fitting locations.



## HOW TO CHOOSE THE RIGHT BLADE

Essentially there are only TWO basic styles of mowing blades used or approved for use on our current products:

- 1) The standard style of mowing blade is essentially designed for cutting grass and effectively discharging the clippings out from the deck to fall onto the lawn or to be captured in a grass collection system. Standard blades are also referred to as “2-in-1” (discharging & bagging ) or “high-lift” blades (because they are designed to create a higher-lifting airflow).
- 2) Mulching blades generally have a more curved style surface and frequently include extra cutting surfaces along the blade edges. These blades may also come in a “+” design (which is actually two individual blades arranged in a perpendicular fashion to enhance mulching). The “+” blades are usually found on older style mowers; newer ones utilize blades with more advanced mulching technology. Mulching blades may also be referred to as “3-in-1” (mulching, discharging & bagging) or “all-purpose” blades.

Bear in mind that the re-circulating airflow design of 3/1 blades makes them less efficient at discharging grass clippings than a standard 2/1 blade. As with most all-purpose tools, there is some give and take as opposed to using a tool designed for a more specific purpose.

If you’re experiencing less-than-desired cutting or discharging performance with a 3/1 blade, you may want to check into using a 2/1 blade. Conversely, if you’re using a 2/1 blade and want to mulch clippings, you should see about the availability of mulching blades or a mulching kit.\*

The type of blade installed on a new mower is a decision the retailer makes for each model of mower, based on the expected needs of most customers. If you’re unsure of which blade is on a particular model, inspect the blade. Blades have part numbers stamped into them. Then compare these part numbers with the unit’s Operator’s Manual or Parts List.

It is true there are many other styles of blades available. But since we don’t manufacture or recommend using these other aftermarket styles, we will leave them out of this discussion. Should you want more information on special application or aftermarket blades, you should contact the companies that make these products. NOTE: Customers using non-OEM blades do so at their own risk. The use of unapproved (non-OEM) blades may void any or all of the mower and engine factory warranties.

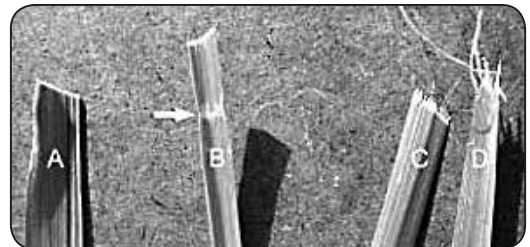
\* **MULCHING KITS** – These generally consist of mulching blades and a mulching plug (which closes off the discharge opening to keep the clippings contained under the deck for re-cutting) plus any necessary hardware for installation. Please check with your parts distributor regarding the contents of a particular mulching kit.



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## MOWING TIPS:

- Mow header strips at the ends of the lawn and around flower beds first. Make them wide enough that you can turn the mower around in the already mown section. Then mow back and forth between these header strips overlapping each lap by about 1/8 the width of the mower's deck.
- Don't cut your grass too short, particular for cool season grasses. Higher heights usually provide for a deeper root system, looks better, and is less likely to have weeds invading, particularly crabgrass.
- Don't remove any more than one third of the grass leaf at any one cutting. If circumstances arise that a lawn gets too tall and you just have to lop off a bunch to get caught up, bite the bullet and break it down into several mowings to get caught up with 3 or so days between cuttings.
- **NEVER SCALP YOUR LAWN.** Scalping severely damages the root system to such a degree that it may die.
- Avoid mowing when the grass is wet or when it's dark
- Avoid throwing grass clippings into the street and driveway where they can be washed into the sewer system. After mowing, clean up driveway and walkways.
- When mowing remove only a third with each cutting (except for the first mowing of the season when it's ok to remove more). You can safely leave clippings that will quickly decompose and add nutrients back into the soil. Contrary to popular opinion, grass clippings do not add to thatch buildup. Grass blades are made up of about 75% water.
- Mow your lawn in a different direction with each mowing, especially with lawns of shorter grass types. Altering the direction ensures a more even cut since grass blades will grow more erect and less likely to develop into a set pattern.
- Keep your mower's blade sharp, which means having it sharpened several times during the mowing season. Keep several blades around so you'll always have a sharp one on hand. Sharp blades cut the grass cleanly and help mulch clippings into small pieces which break down quickly.
- Don't forget to change your mower's oil at least once during the mowing season. For brand new mowers, change the oil after about 5 hours of operation during the initial break-in period.
- At the end of the mowing season use a fuel stabilizer in the remaining gasoline
- In the spring, don't use that old gas unless you properly used a fuel stabilizer, it can cause a number of problems. Better to use fresh gasoline to begin the new mowing season.
- **Leaf blade A** demonstrates what a leaf blade should look like after mowing with a sharp blade.
- **Leaf blade B** demonstrates a leaf blade that was injured by a dull mower blade.
- **Leaf blade C** was cut by the mower but indicates that the mower blade is not sharp enough. The shredded white tissue protruding from the leaf blades C and D is the vascular tissue of the plant.
- **Leaf blade D** has been mown for quite some time with a dull mower blade.



The leading edge of the blade enclosure is equipped with an adjustable guard. When the guard is set to a higher position, it allows incoming grass to remain in a more upright position just prior to being cut. The result is a higher quality cut.

### ***To bag or mulch?***

Grass clippings do not contribute to thatch buildup or increase the chances of disease. If you mow your lawn at the right height, without removing any more than 1/3 of it's total height, clippings will quickly breakdown without a trace. These clippings contribute additional nitrogen and other nutrients to the soil and supply it with additional organic materials. Clippings from a 1000 sq. ft. lawn can add as much as 1 - 2 pounds of nitrogen back into the soil. If you have a compost pile, then you may want to bag your clippings occasionally to add much needed green-matter to the compost pile. Make sure it is mixed thoroughly with brown matter to avoid a strong ammonia odor. **DO NOT COMPOST CLIPPINGS** after applying any weed control or weed-feed type product. Before adding clippings to the compost pile wait at least 3 mowings after these products have been applied.





# SERVICE SECTION

## SECTION 1: HYDROSTATIC SYSTEM

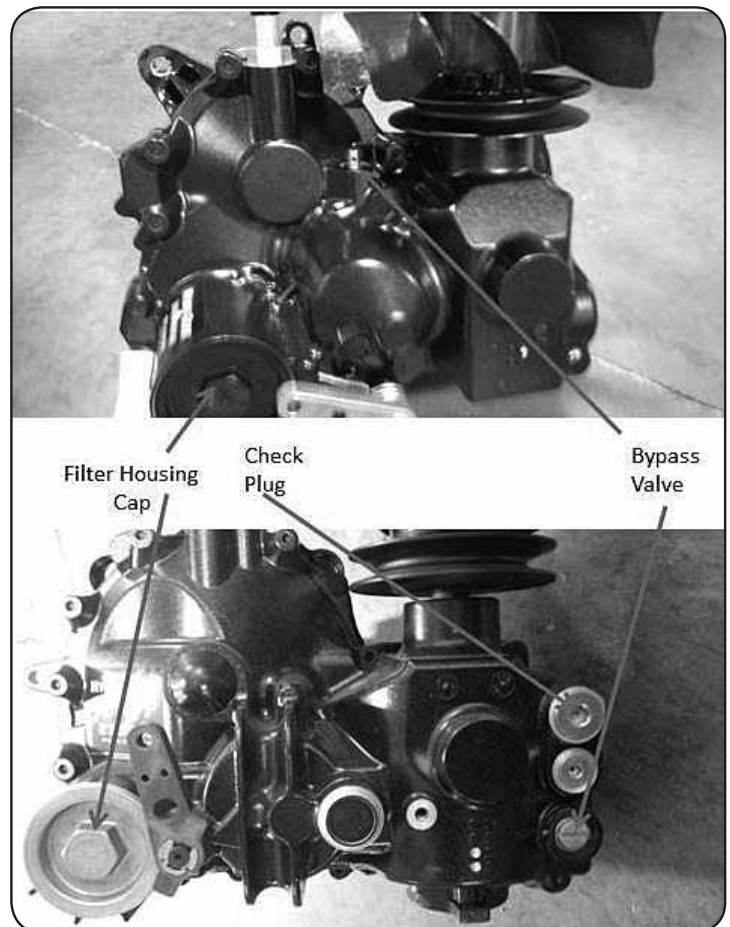
The hydro reservoir tank on the Outlaw model is located on each side of rear cover. Notice the “full cold” line at the bottom of the tank. Use only 20w50 motor oil in this tank. Conventional or synthetic oil may be used.



### THE FOLLOWING MAINTENANCE IS TO BE PERFORMED ON A LEVEL SURFACE.

To change filter, start by removing the filter housing cap (pictured below). The filter also serves as the oil drain. The Outlaw transaxles hold 4 quarts of hydro oil apiece, and the Outlaw Extreme holds 4.75 quarts per transaxle. Install new filters using only Hydro-Gear brand filters. Use of other brands could void the warranty. Transaxle service is recommended after the first 50 hours of use; then at intervals of 250 usage hours.

Pictured on the right are transaxles that are equipped on either the Outlaw or Outlaw Extreme. The Outlaw utilizes a Hydro-Gear, 4400 series transaxle (top); the Outlaw Extreme uses a Hydro-Gear, 5400 series transaxle (bottom). The transaxles are ‘integrated’ as they house both the hydraulic pump and wheel motor. The filter housing, bypass valve, and check valve (5400) are noted. After draining used oil by way of the filter housing, replacing the used filter with a new Hydro-Gear filter, and replacing the filter housing cap, the transaxles are refilled by adding oil (20W-50) into the hydro reservoirs (pictured above).

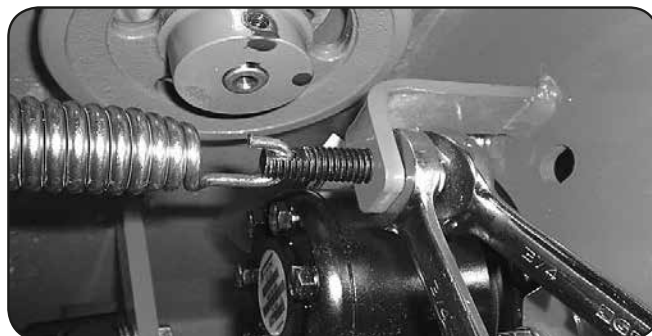


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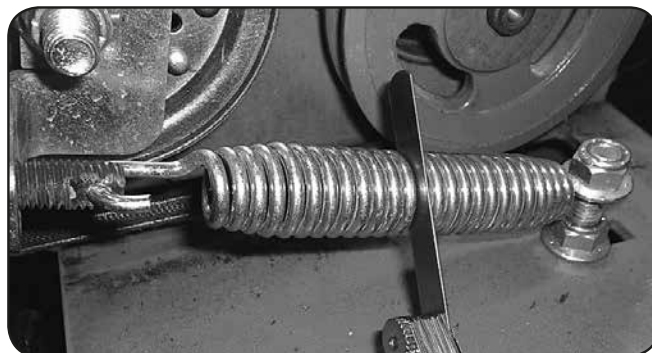
After filling the transaxles with fresh oil, lift rear of mower until its rear tires are off the ground; then chock the front caster tires. Start the engine and release the parking brake. Next, with the bypass valves open, slowly move the drive arms forward and rearward. Keep away from the rear tires: they will be rotating and present a safety hazard. After the drive arms have been pushed forward and rearward five times, turn the engine off and close the transaxle bypass valves. Check the oil level in each hydro reservoir after the first 15 minutes of subsequent usage; it may be necessary to add more oil to the reservoirs.

## SECTION 2: DRIVE BELT

Shown on the right is a typical pump belt tensioner for your model mower.



Tightening the two  $\frac{3}{4}$ " jam nuts on the right side will increase the belt tension on all models. Factory setting is about .030" (about the thickness of a credit card) between coils as shown.



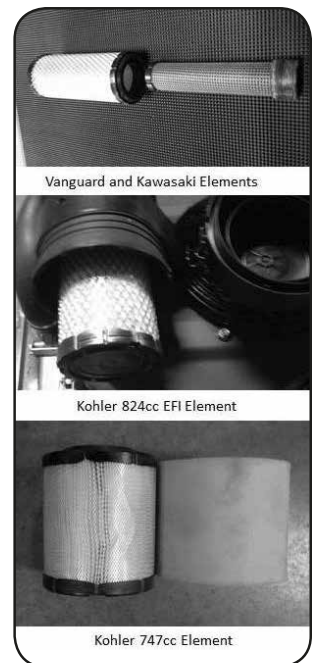


## SECTION 3: ENGINE

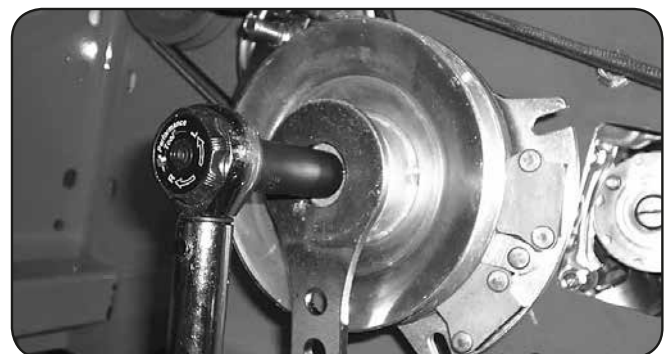
Bad Boy recommends that the oil and oil filter be changed at intervals of 50 usage hours, or yearly, whichever occurs first. Bad Boy 10W-30 synthetic blend engine oil is recommended. Consult your engine owner's manual for exact oil capacity.

The fuel filter is located in the fuel line about 12" from the carburetor on the side of the engine. Replace the filter yearly. Prior to the removal of the old filter, note the direction of fuel flow as indicated on the filter. Have towels readily available in order to quickly remove any fuel leakage. Always use new hose clamps and ensure the security of the new filter by lightly pulling on each hose. Always perform maintenance outdoors or in a well ventilated area. Do not smoke or allow any open flames in the vicinity of any maintenance activities.

The type and amount of air cleaner elements utilized on the mower is dependent upon the make and model of the engine. Vanguard and Kawasaki engines have two air cleaner elements: an inner and an outer. The Kohler 824cc EFI and the Kohler 747cc Confidant each have a single air cleaner element. The air cleaner is the engine's only defense against damaging foreign particles. It is very important that the air cleaner element(s) are inspected prior to each use. Remove the element(s) and tap their sides in order to remove debris. Do not blow the filters out using compressed air. Doing so will greatly reduce the air cleaner's effectiveness. Replace yearly; more often in dusty environments. Adhering to these practices will help prevent loss of power and premature engine failure.



Torque the clutch bolt to 50 ft. lbs. on all models.  
Retorque at every oil change. (All Models)





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## SECTION 4: ELECTRICAL SYSTEM

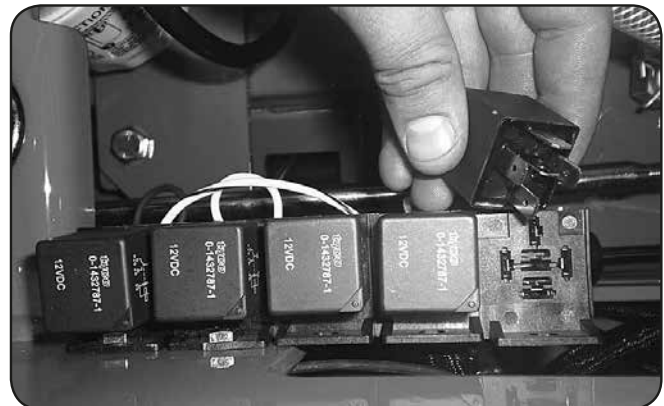
The 25 amp main fuse is located approximately 3" from the engine's starter. A blown fuse usually indicates a problem within the electrical system or an electrical component. Never replace a fuse with one of a higher amperage rating or 'bypass' a fuse in any way. Doing so creates a significant fire hazard and can cause severe damage to the mower's electrical components. If the fuse is repeatedly blowing, contact your Bad Boy dealer.



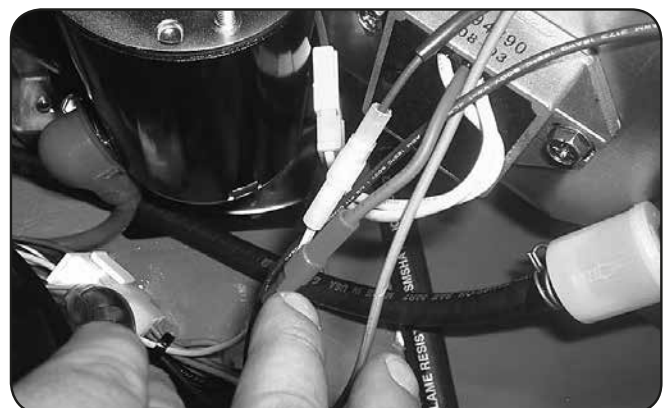
Always check the condition of the wiring harness ground cable. Ensure that the ground is connected, clean, and tight.

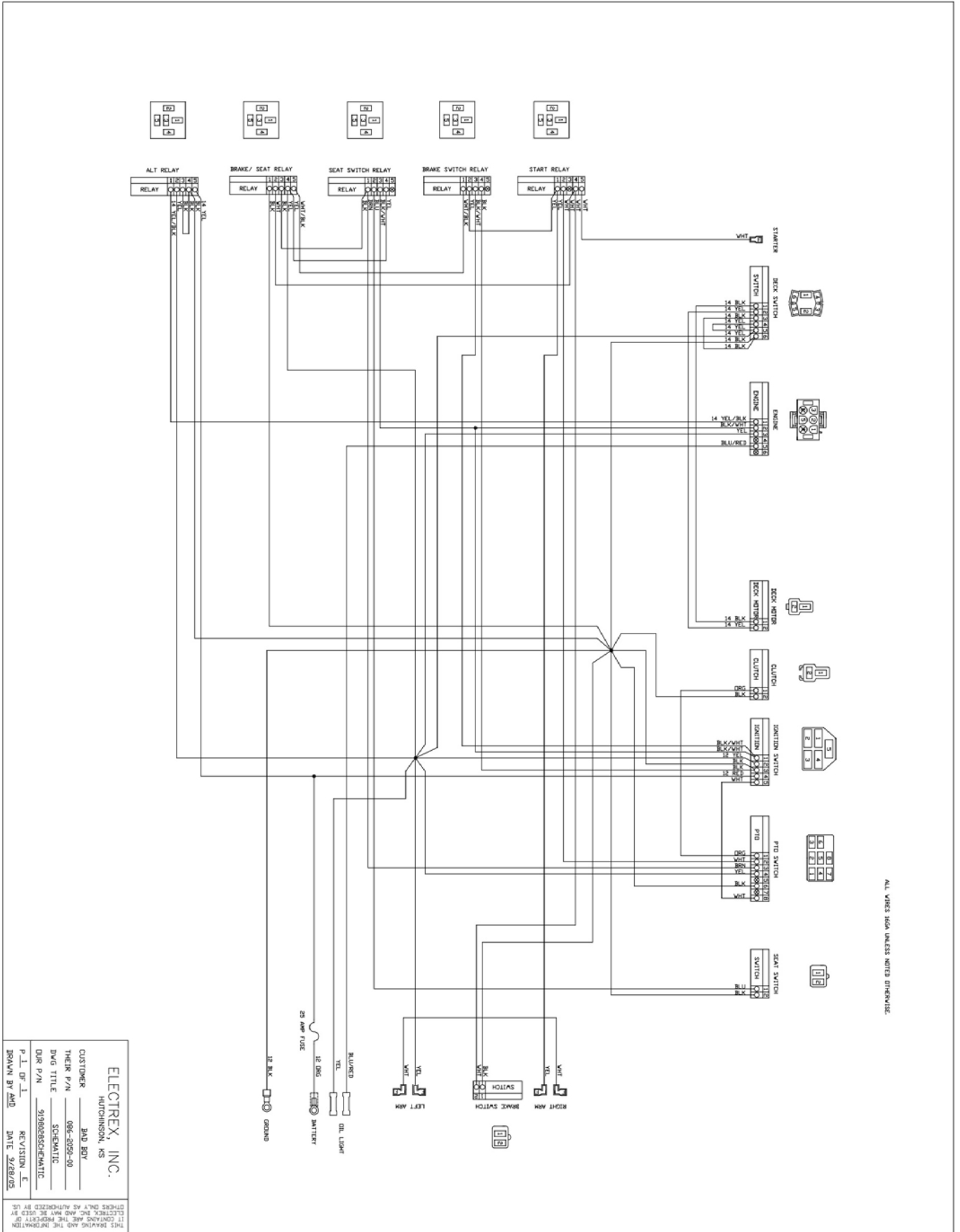


Check the condition and connection of the relays located under the seat. Ensure that they are clean and connected. Make sure that wire terminal ends have not been pushed out of the relay block.



On most models, the red wire coming out of the engine is the charging wire from the alternator. Check for 13.6—14.2 volts DC at this wire with engine at full throttle.





ALL WIRING IS 16GA UNLESS NOTED OTHERWISE.

<b>ELECTREX, INC.</b>	
HUTCHINSON, KS	
CUSTOMER	BAD BOY
THEIR P/N	095-2059-00
DWG TITLE	SCHEMATIC
OUR P/N	9190828000000000
REVISION	E
DRAWN BY	AND
DATE	9/28/05

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## SECTION 5: FRAME

The front fork nuts require a torque of 40ft-lbs. While applying this torque, turn the fork itself to ensure no damage is done to the bearing. This operation is only necessary if a repair requires it.



Torque rear wheel lugs to 65-75 ft. lbs. Re-torque at every oil change and check at every mowing.



There is one grease fitting on each of the actuator bar pillow blocks located under the fuel tanks. Grease twice a season.



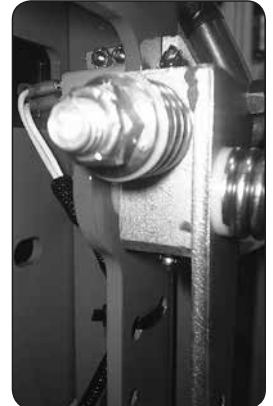
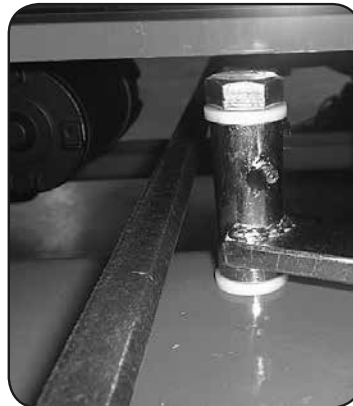




The pump belt tensioner is located under the engine and has a grease fitting at its pivot point. Grease at every engine oil change.

The deck belt tensioner is located at the rear of the deck and has a grease fitting on its pivot point. Grease at every engine oil change.

The control arm blocks have grease fittings located on the top of each block. Grease one time a year.



## SECTION 6: CUTTING DECK

Deck belt removal: (1) Remove ignition key. (2) Slide the tension adjustment bolt to its most rearward position in order to provide the lowest belt tension possible. (3) Raise the deck to its highest position. (4) Remove either the right or left blade pulley cover. (5) While lifting up on the belt (as shown in the photograph), rotate the pulley until the belt is free of the pulley. Exercise caution while performing this step as fingers can easily become caught between the belt and pulley.

For optimal cutting performance, the blade enclosure should be level from right to left and have a slight forward tilt downward. To ensure proper deck orientation, perform the following steps: (1) Move the mower onto a flat surface such as a concrete pad. (2) Ensure all tires are inflated to the recommended pressure. (3) Measure the distance from the ground surface to the bottom of the blade enclosure (as indicated in the photograph) at each of the four corners. The rear corners should be equal in ground clearance as should the forward corners. The forward corners should be approximately 1/8" lower than the rear corners. If adjustment becomes necessary, perform the actions described below in order to return the mower to its optimum cutting state. The deck brackets (pictured, 4 total) are the principal means for deck reorientation. Begin the adjustment by leveling the deck; both front to back and left to right. This is accomplished by shifting the position (upward/downward) of the deck brackets within the vertical slots located on their respective deck tabs. Once the deck is parallel with ground, the proper forward tilt must be obtained. This can be achieved by re-adjusting the forward or rearward deck bracket pair. If necessary, the two turnbuckles may be used for slight position refinements.



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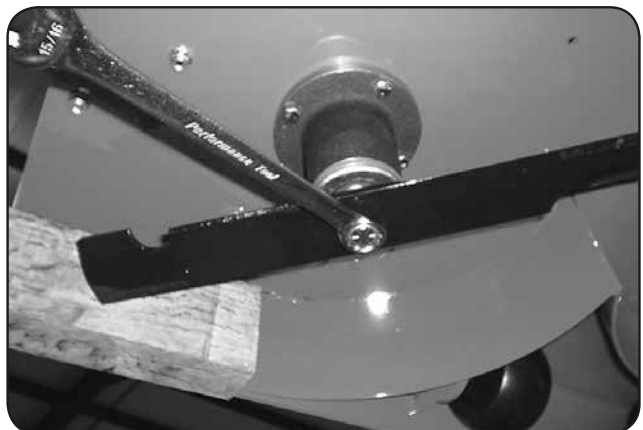
The deck spring tension is critical. If the tension is too high, premature failure of the deck belt and blade spindles can occur. If the tension is too low, the belt can 'jump off' or slip on the pulleys. This results in reduced cut quality and early belt failure. With the deck up, the spring coil gap should be about .025" - .030" (about the thickness of a credit card). Spring tension adjustments can be made by sliding the bolt shown above forward or backward in the slot of the deck. Belt tension should be 50- 55 lbs with the deck at its highest setting.

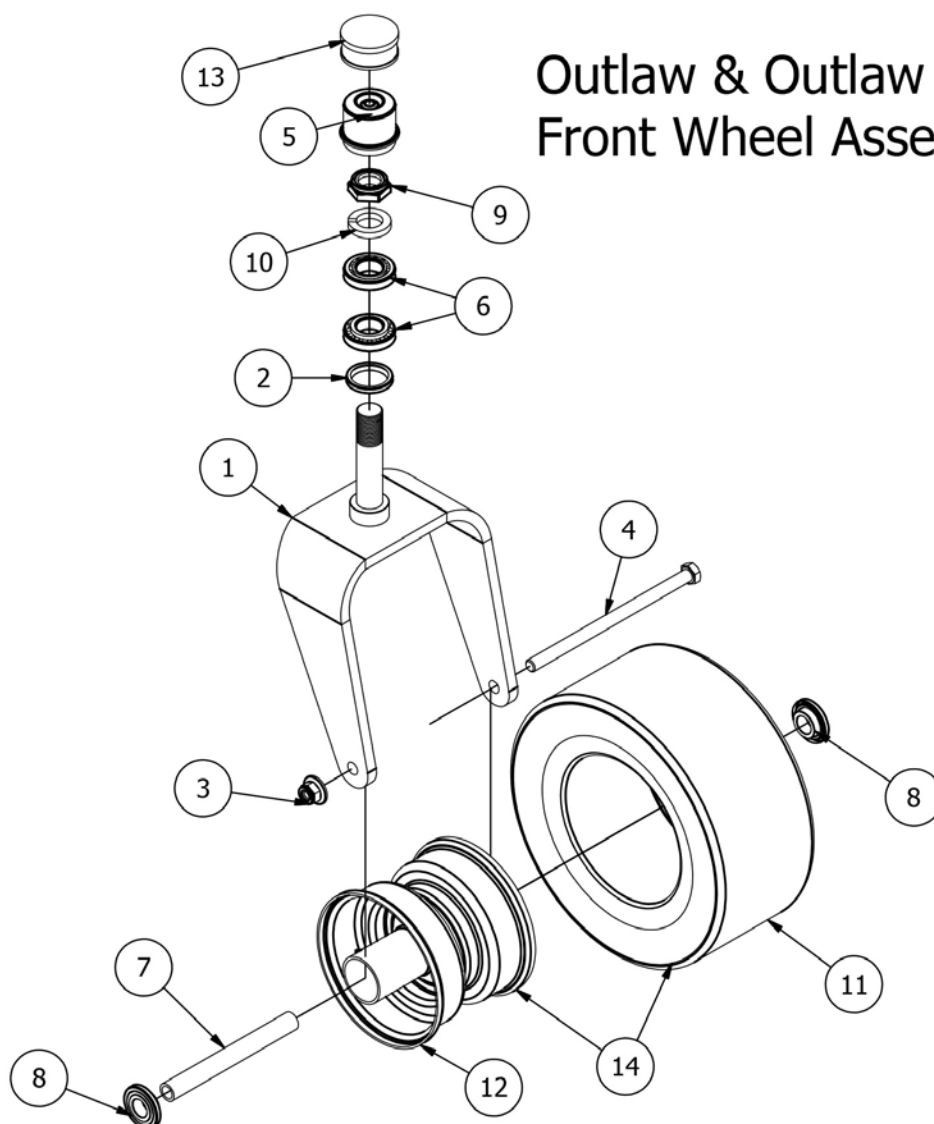


The blade in the foreground (see photo) was utilized long after replacement was required. In addition to a decline in cut quality, failure to replace a worn or damaged blade creates a major safety hazard. Bad Boy recommends that blade sharpening be performed by a professional.



To change blades, it may be easier to use a piece of wood to keep the blade from turning so that the bolt can be loosened. **Bolts used have right-handed threads.** Re-torque the blade bolts to 90-110 lbs. The blade spindles contain two sealed ball bearings inside the top and bottom of the spindle. The bearings are replaceable for a more cost effective repair.

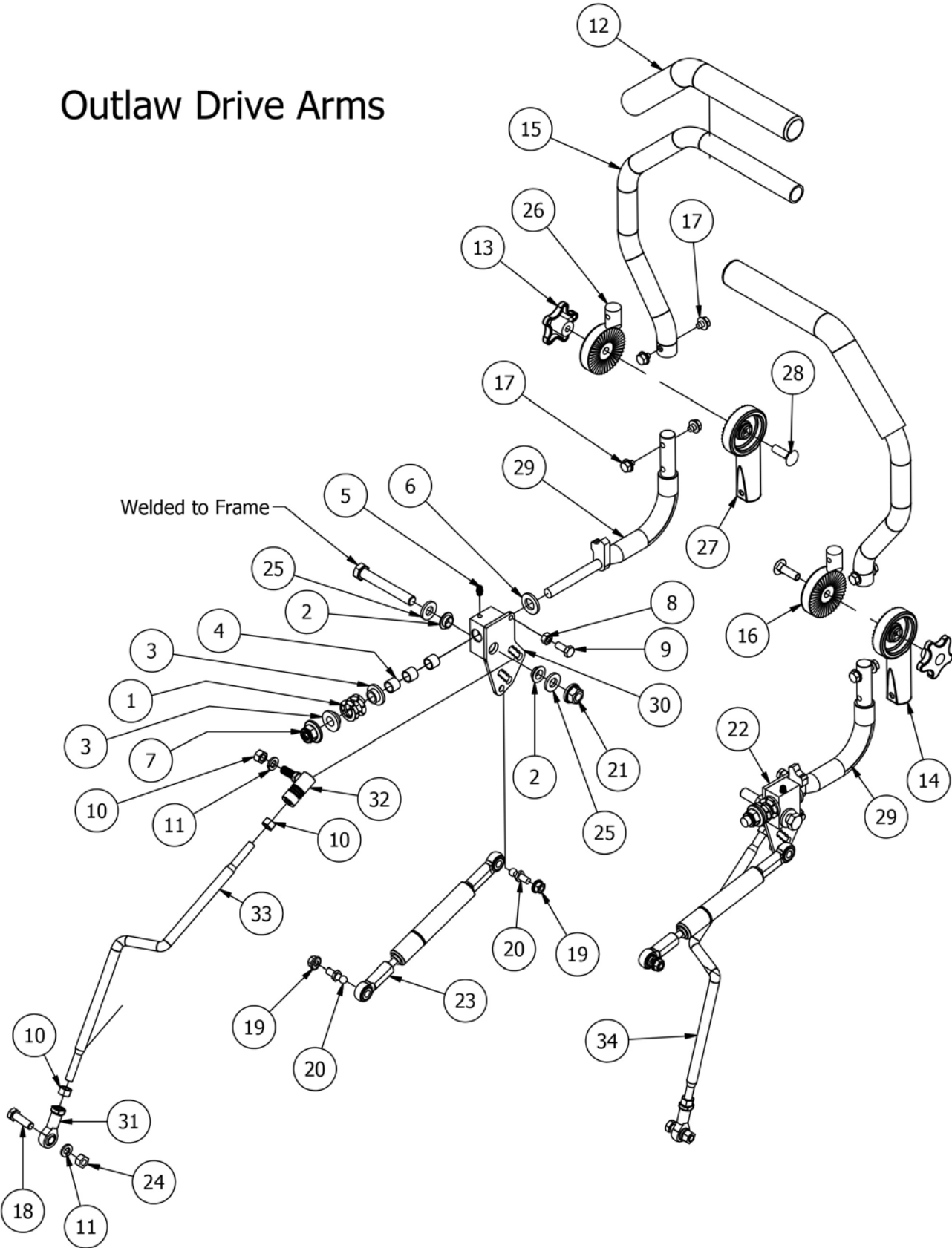




Outlaw & Outlaw Extreme  
Front Wheel Assembly

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	023-7913-00	Front Fork
2	1	012-7003-00	Seal
3	1	013-8050-00	1/2-13 Nylon Flange Nut-Orange
4	1	018-7010-00	1/2" x 9" Bolt
5	1	014-7005-00	Dust Cover
6	2	010-7001-00	Bearing
7	1	025-5202-00	Front Wheel Spanner
8	2	022-7009-00	Wheel Bearing
9	1	013-9004-00	1" Fine Thread 1/2 Nut
10	1	019-3000-00	1" Lock Washer
11	1	022-5347-00	13 x 6.50 - 6 Tire
12	1	022-3090-00	Black Front Tire Rim
13	1	014-8047-00	Spring Cap Cover
14	1	022-3085-00	13x6.5-6 Large Bore - Black Front Assembly

# Outlaw Drive Arms

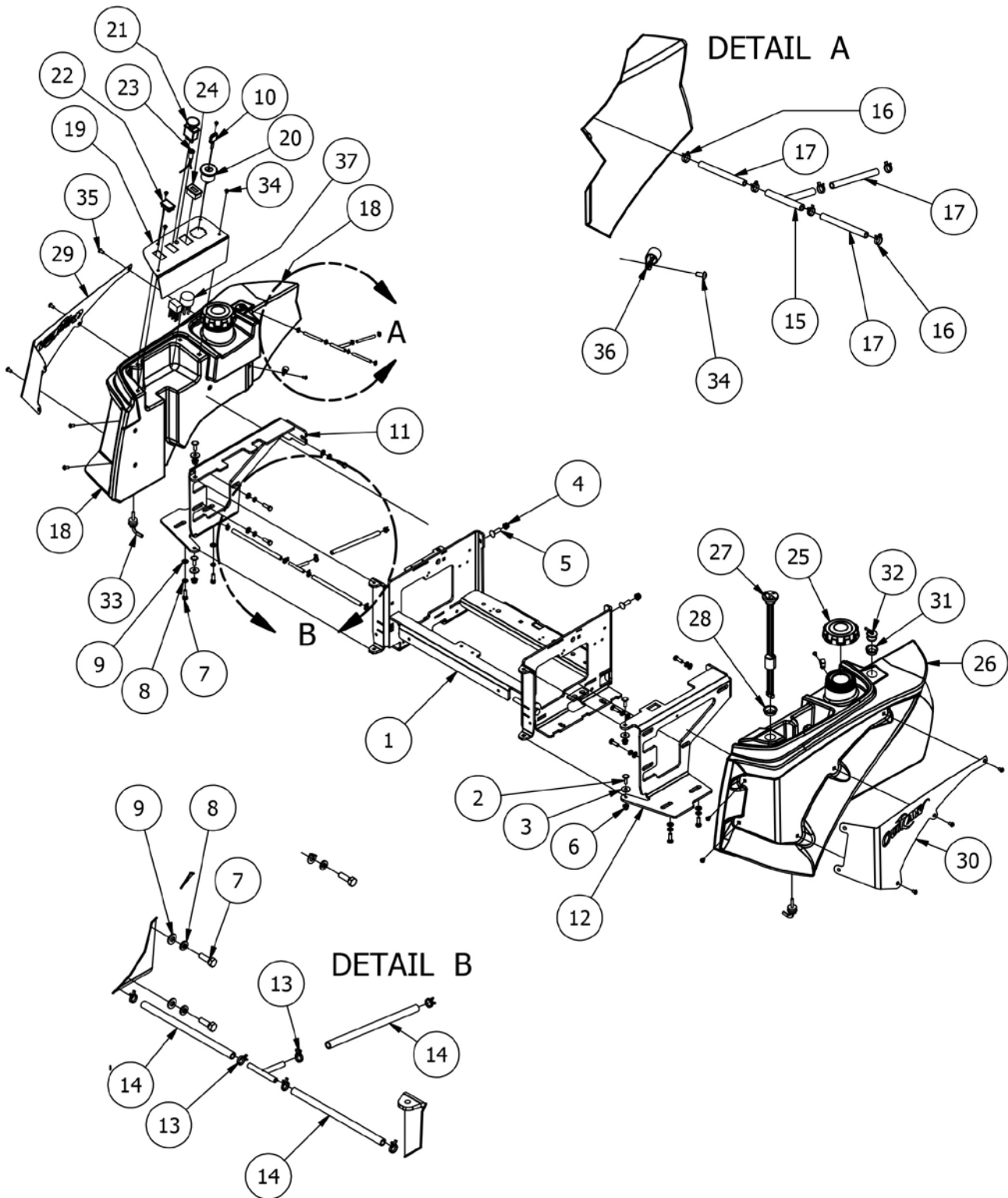




Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	034-8025-00	Drive Lever Spring
2	4	032-5055-00	Bushing for 2012 Drive Arms
3	4	019-8027-00	.515 ID Nylon Shoulder Washer
4	6	032-8024-00	.507 ID Nylon Bushing
5	2	024-6034-00	1/4" Press in Grease Fitting
6	2	019-6017-00	.635 ID Plastic Washer
7	2	013-8050-00	1/2-13 Nylon Flange Nut-Orange
8	2	013-8043-00	5/16" Nut
9	2	018-8063-00	5/16" x 3/4" Hex Bolt
10	6	013-6051-00	3/8" Fine Threaded Jam Nut
11	4	019-5037-00	3/8" Lock Washer
12	2	069-4010-00	Black Steering Grip
13	2	045-5000-00	Black Knob for Adjustable Steering Arm
14	1	031-9015-70	Lower Adjuster - Steering Arm- Right
15	2	031-9010-00	Upper Tube-Adjustable Steering
16	1	031-9016-70	Upper Adjust Steering Arm- Right
17	8	018-2020-00	5/16-18 1/2 HWH Bolt-Steering
18	2	018-5040-00	3/8" x 1 1/4" Hex Bolt
19	4	013-9002-00	5/16" Flange Nut
20	4	018-2050-00	10mm Damper Ball Stud-Steering
21	2	013-0085-00	1/2-13 Hex Flange (GR.G) ZC
22	1	027-8901-00	2013 Drive Lever Housing (Right)
23	2	087-3000-00	Steering Damper For Outlaw
24	2	013-6014-00	3/8-16 Hex Nuts Zinc
25	4	019-7000-00	.505x1x .125 Oil Impregnated washer
26	1	031-9017-70	Upper adjuster-Steering Arm- Left
27	1	031-9014-70	Lower Adjuster - Steering Arm- Left
28	2	018-5043-00	3/8" x 1 1/4" Carriage Bolt
29	2	031-9025-70	Steering Arm Elbow - Right
30	1	027-8900-00	2013 Drive Lever Housing (Left)
31	2	048-3000-00	Spherical Rod End - Outlaw
32	2	099-2009-00	Quick Release Ball Joint
33	1	035-0050-00	2015 Outlaw Push Rod - Left
34	1	035-0075-00	2015 Outlaw Push Rod - Right



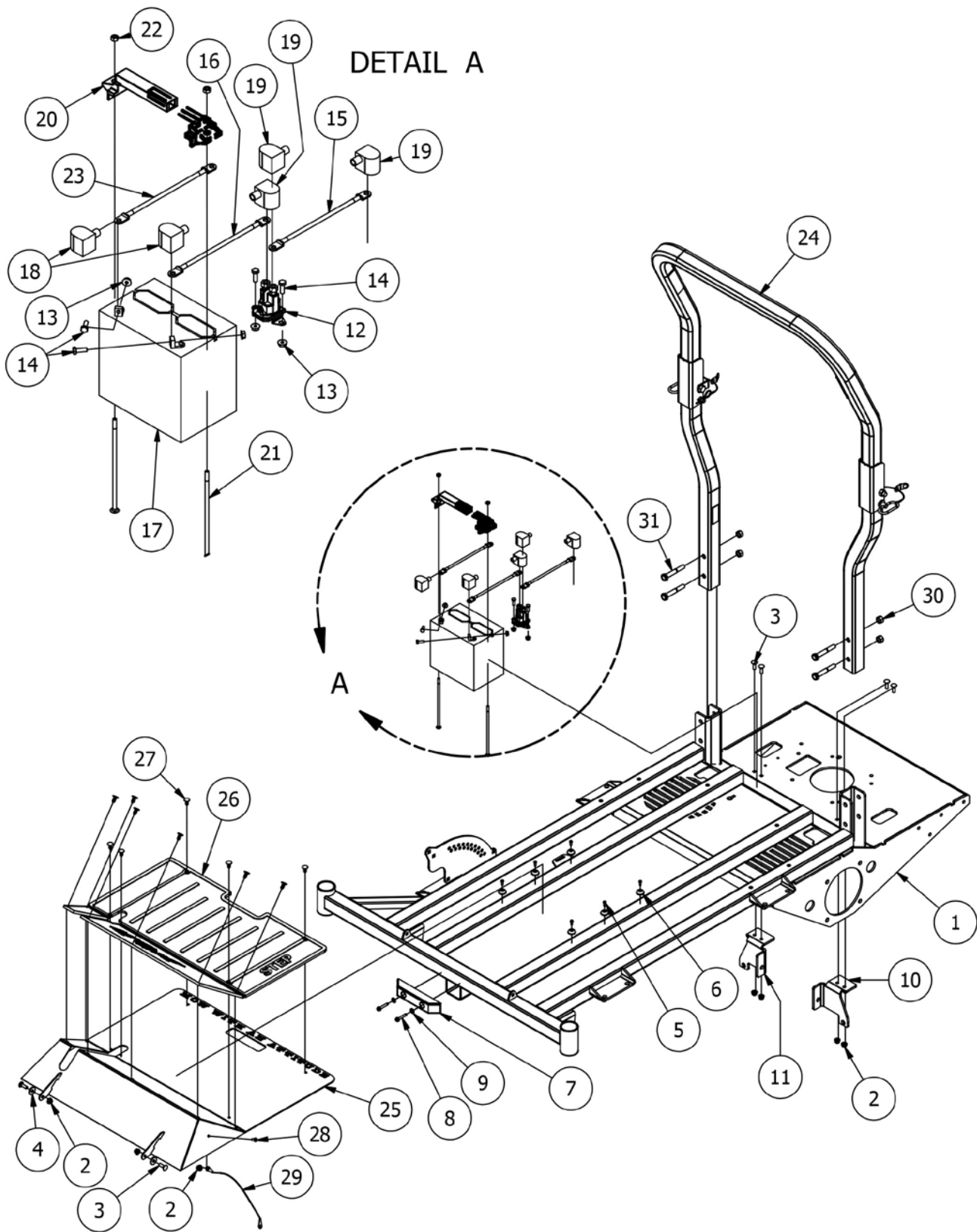
# Outlaw Gas Tank Assemblies





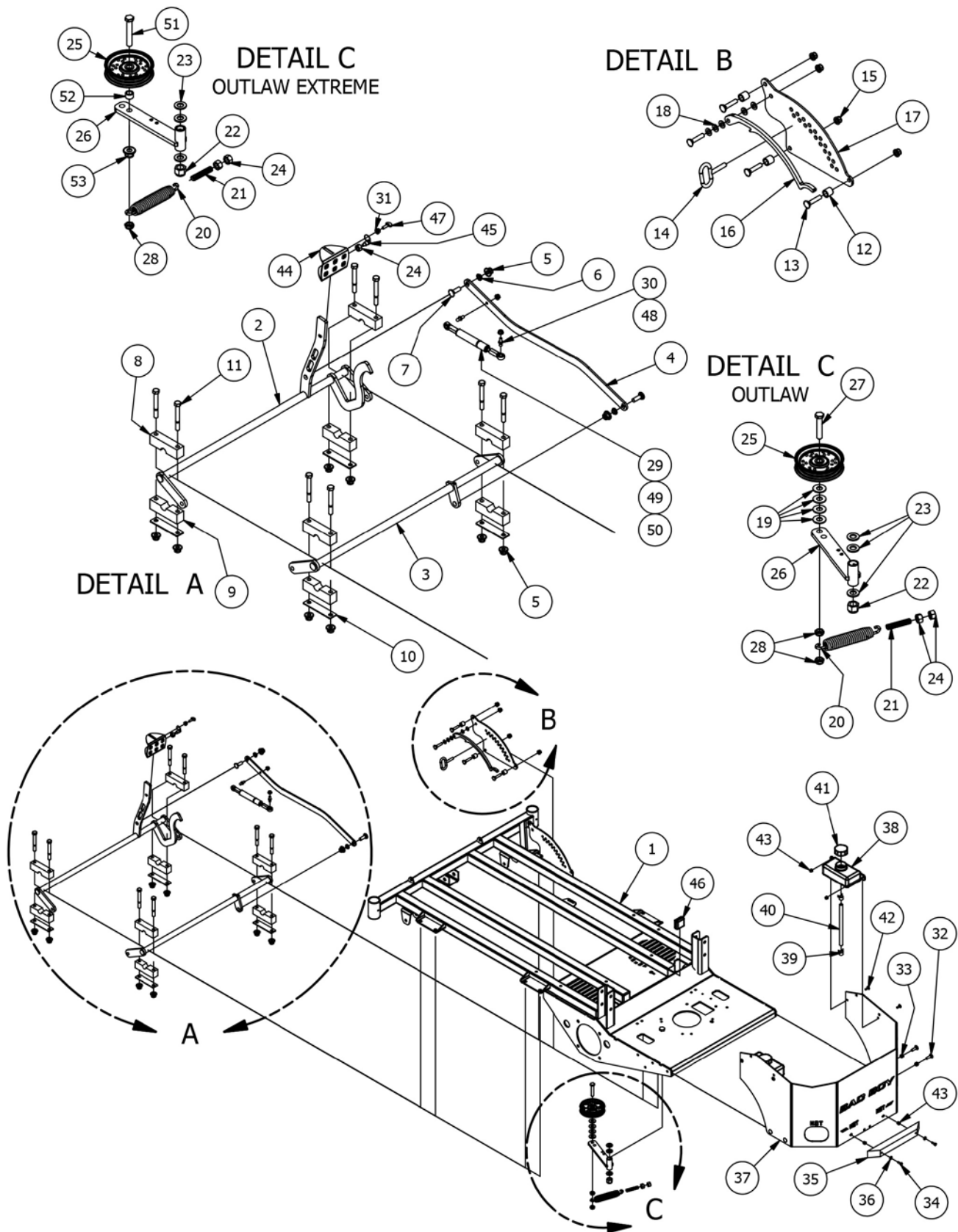
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	080-5100-00	2015 Outlaw Seat Bracket
2	4	018-8065-00	5/16-18 x 1 Carriage Bolts Zinc
3	4	019-6042-00	.360 ID Plastic Washer
4	2	013-5202-00	3/8" Nylock Flange Nut
5	2	018-5043-00	3/8" x 1 1/4" Carriage Bolt
6	4	013-8049-00	5/16-18 Nylon Insert Flange Nut Zinc Orange Nylon
7	10	018-2007-00	5/16" x 1" Bolt
8	10	019-8051-00	5/16" Lock Washer
9	10	019-8044-00	5/16" Flat Washer
10	1	042-9000-00	Ignition Key
11	1	031-2040-00	Outlaw 2015 Tank Support (Right)
12	1	031-2041-00	Outlaw 2015 Tank Support (Left)
13	6	072-8069-00	1/4 fuel clamp
14	3	051-8067-00	1/4" fuel line hose
15	2	073-8068-00	fuel line T
16	6	072-8070-00	3/16 vinyl clamp
17	3	051-8072-00	1/4" vinyl tubing
18	1	067-1180-50	Outlaw 2015 Fuel Tank (Right)
19	1	079-3360-00	Analog Control Panel Outlaw
20	1	077-8076-00	Ignition Switch
21	1	056-8058-00	PTO Switch
22	1	018-1040-00	Light Plug
23	1	089-1000-00	Oil Light
24	1	083-4013-00	Tachometer
25	2	066-8076-00	Fuel Cap (Kelch)
26	1	067-1190-50	Outlaw 2015 Fuel Tank (Left)
27	1	067-4080-00	Fuel Gauge w/Grommet
28	1	067-6054-00	Grommet for Fuel Gauge
29	1	079-3280-00	Outlaw Tank Panel (Right)
30	1	079-3281-00	Outlaw Tank Panel (Left)
31	2	067-6053-00	ROV Grommet
32	2	067-6060-00	Rollover Valve - Black
33	2	067-6055-00	Fuel Tank Hose Nipple w/Filter
34	6	018-2010-00	10-32 x 3/8" Button Socket Head Bolt
35	10	018-2012-00	1/4" x 1/2" BS C/S 18-8 SS
36	2	072-0001-00	3/8 Cable Clamp-Black Nylon
37	1	086-2050-00	Wiring Harness







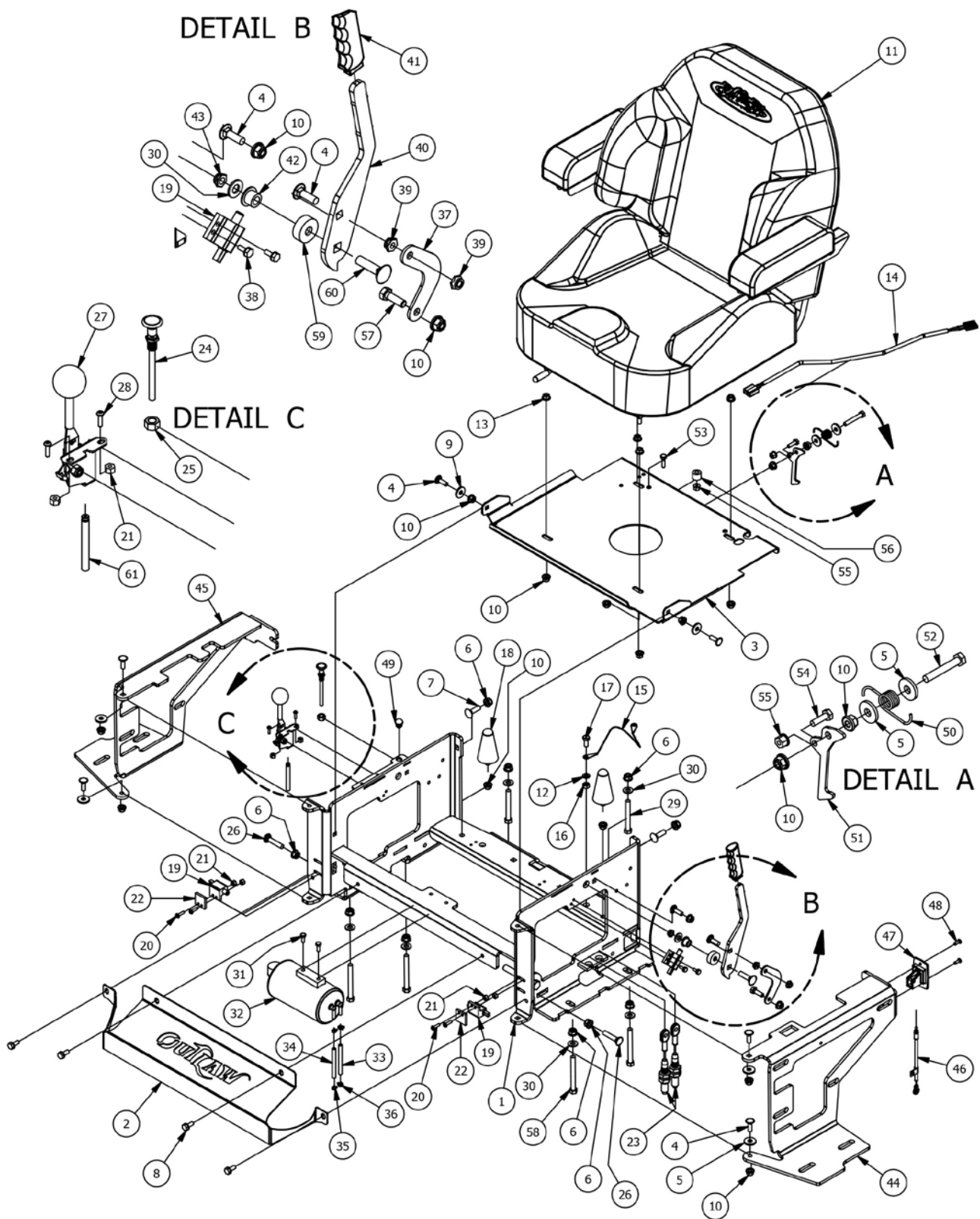
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	070-5370-00	2015 Standard/Extreme Outlaw Frame
2	7	013-8049-00	5/16" Flange Nut Zinc W/Serrations
3	6	018-8065-00	5/16" x 1" Carriage Bolt
4	2	019-6042-00	.360 ID Plastic Washer
5	6	030-3050-00	#10 x 1/2" Self Taping Screw
6	6	029-4010-00	Button Bumper
7	1	029-7038-00	8" Rubber Bumper
8	2	030-7039-00	1/4" x 1 1/2" Self Tapping Screw
9	2	019-7040-00	1/4" Flat Washer
10	1	039-2113-00	Outlaw Brake Cable Mount Bracket (Right)
11	1	039-2110-00	Outlaw Brake Cable Mounting Bracket (left)
12	1	108-5349-00	Solenoid
13	4	013-9001-00	1/4-20 Hex Flange Nuts Zinc w/Serrations
14	4	018-8052-00	1/4-20 x 3/4 GR 5 Hex Bolts Zinc
15	1	086-0003-00	red battery cable alternator to Started cable
16	1	064-5301-00	12 in red battery cable
17	1	068-8049-00	Battery
18	2	103-5400-00	Black Boot For ground cable
19	3	103-5300-00	Red Boot
20	1	043-8929-00	Battery Hold Down
21	2	018-8050-00	1/4-20 X 8 Carriage Bolt
22	2	013-8039-00	1/4-20 Hex Nut
23	1	086-0005-00	Starter to chassis cable
24	1	089-0002-00	2015 Outlaw 2x2 Folding ROPS
25	1	079-3110-00	Outlaw Floor Panel
26	1	081-2008-00	Foot Assist Floor Mat
27	11	040-6080-00	Ratchet Fastener
28	1	018-8064-00	1/4" x 5/8" BS C/S 18-8 SS
29	1	064-2006-00	Floor board Cable W/ Swivel Ends
30	4	013-0005-00	1/2" Center Lock Nut
31	4	018-0050-00	1/2-13 X 3.25 Hex Bolt - Grade 5





Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	070-5370-00	2015 Standard/Extreme Outlaw Frame
2	1	028-6030-00	2015 Outlaw Act Bar Assembly (Front)
3	1	028-6040-00	2015 Outlaw Act Bar Assembly (Rear)
4	1	028-6050-00	Outlaw Deck Linkage Rod
5	10	013-8050-00	1/2-13 Nylon Flange Nut-Orange
6	2	032-3000-00	Bushing- SF-1620-4
7	2	018-0008-00	1/2 x 1-1/2 Carriage Bolt
8	4	017-9000-00	Two Piece Pillow Block (Male)
9	4	017-9050-00	Two Piece Pillow Block (Female)
10	4	017-9025-00	Two Piece Pillow Block Strap
11	8	018-5019-00	1/2" x 4" Bolt (Grade 8)
12	3	025-5203-00	3/4 OD x 1/2 ID x 3\4 Length
13	4	018-0009-00	3/8 x 1 3/4 Carriage Bolt
14	1	040-4000-00	Deck height lever pin
15	4	013-5202-00	3/8" Nylock Flange Nut
16	1	031-0100-00	Outlaw Deck Lever Lock
17	1	026-2100-00	Outlaw Height Indicator Plate (Outer)
18	5	019-2003-00	.390 x .750 x .062 Nylon Washer
19	4	019-5010-00	1/2" Brass Washer (Base Only)
20	1	034-2009-00	2009 Deck/Pump Idler Spring
21	1	018-2004-00	All Thread-pump Idler Tensioner
22	1	013-7021-00	5/8 Std NC Nylock Nut
23	3	019-6017-00	.635 ID Plastic Washer
24	3	013-7018-00	1/2" Hex Nut
25	1	033-6001-00	4 3/4 Idler Pulley - ABFI-76
26	1	039-6945-00	Deck Idler
27	1	018-0015-00	1/2" x 3" Hex Bolt (Base Only)
28	2 (1-Extreme)	018-4010-00	1/2" Nylcock Nut (1/2 Jam)
29	1	087-5400-00	200 lb Gas Spring- 54" Deck outlaw
30	2	018-2050-00	10mm Damper Ball Stud-Steering
31	3	013-9002-00	5/16" Flange Nut
32	4	018-5043-00	3/8" x 1 1/4" Carriage Bolt
33	4	013-5041-00	3/8 Nylock Nut
34	2	018-4702-00	1/4-20 x 1-1/4 GR 5 Hex Bolt
35	1	029-7037-00	14" Rubber Bumper
36	2	019-7040-00	1/4" Flat Washer
37	1	026-2180-00	2015 Outlaw Rear Plate
38	2	067-8085-00	Expansion Tank Outlaw
39	4	072-8074-00	5/8 Wire Clamp-Outlaw Only
40	2	051-9000-00	5/8 Braided Hose
41	2	066-5050-00	Hydraulic Tank Cap
42	4	019-8040-00	1/4" x 3/4" Carriage Bolt
43	6	013-2050-00	1/4-20 Nylon Insert flange Nut
44	1	026-0013-00	Outlaw Deck Lift Pedal
45	1	040-5000-00	Pull Pin
46	2	014-9000-00	2X2 Frame Plug
47	1	030-0010-00	5/16-18 x1 Thumb Screw Zinc
48	2	018-2049-00	13mm Damper Ball Stud for 72" Deck only
49	1	087-6100-00	250 lb Gas Spring - 61" Deck Outlaw
50	1	087-7200-00	300 lb Gas Spring - 72" Deck Outlaw
51	1	018-7016-00	1/2" x 3" Hex Bolt (Extreme Only)
52	1	025-7036-00	1/2" x 1/2 Spacer (Extreme Only)
53	1	013-8050-00	1/2"-13 Nylon Flange Nut (Extreme Only)

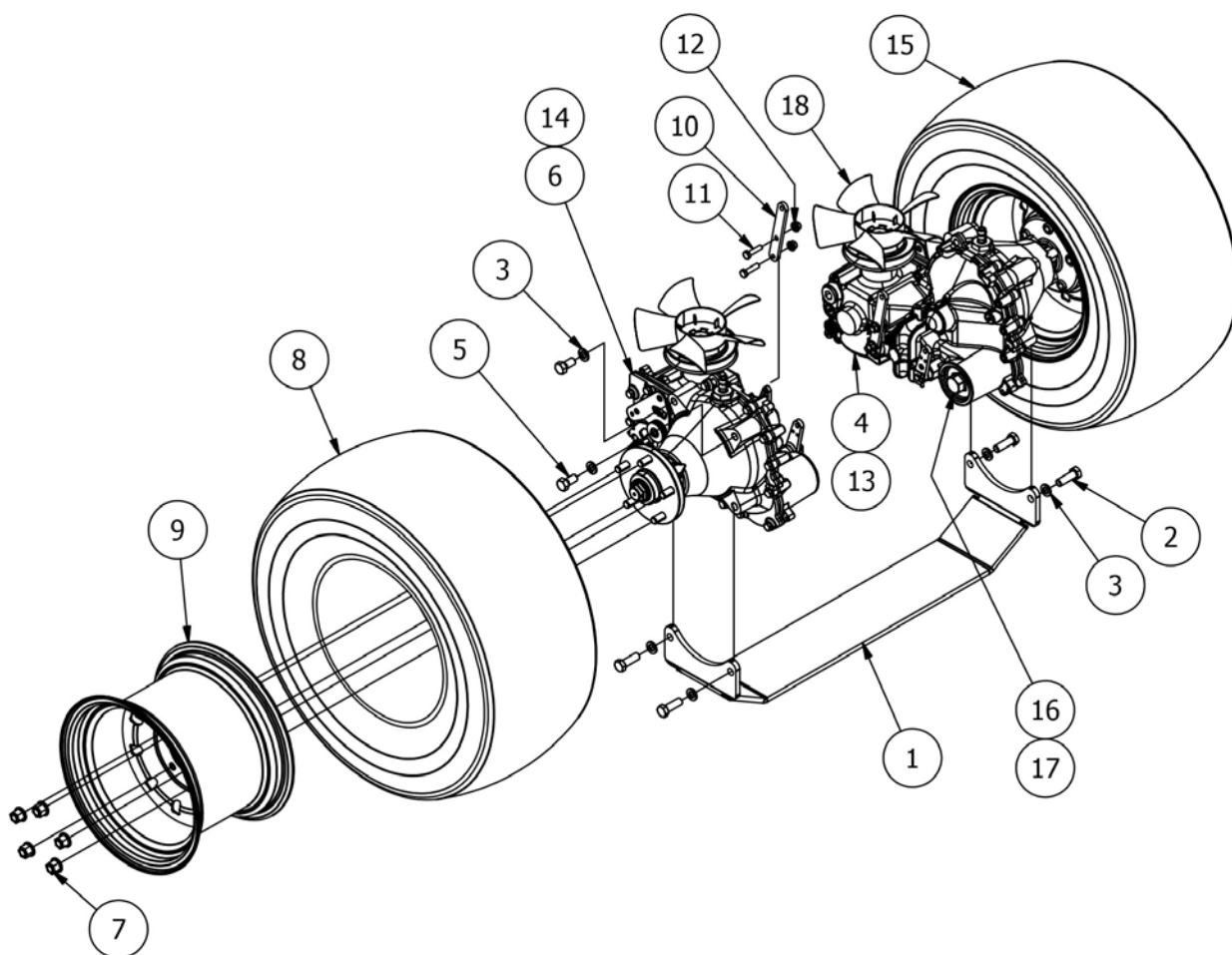






Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	080-5100-00	2015 Outlaw Seat Bracket
2	1	014-2100-00	Outlaw Cooler Cover
3	1	026-2006-00	Seat Plate
4	8	018-8065-00	5/16-18 x 1 Carriage Bolts Zinc
5	6	019-6042-00	.360 ID Plastic Washer
6	10	013-5202-00	3/8" Nylock Flange Nut
7	2	018-5043-00	3/8" x 1 1/4" Carriage Bolt
8	4	030-7042-00	5/16 x 3/4 washer head type F screw
9	2	019-6050-00	.360 ID Plastic Washer-Black
10	16	013-8049-00	5/16" Flange Nut Zinc W/Serrations
11	1	071-5060-00	2015 Outlaw Seat
12	1	019-8051-00	5/16" Lock Washer
13	4	013-9002-00	5/16" Flange Nut
14	1	036-5300-00	Seat Switch Adapter
15	1	064-8081-00	Seat Cable
16	1	013-8043-00	5/16" Nut
17	1	018-8063-00	5/16" x 3/4" Hex Bolt
18	2	034-1444-00	Rubber Cone-1621-153
19	3	077-8073-00	Safety Switch
20	4	018-8058-00	10-24 x 1 BS C/S 18-8 SS
21	6	013-5019-00	10-24 Nylon Insert Locknut
22	2	025-6041-00	Switch Block Plastic
23	2	064-8056-00	Long Brake Cable
24	1	054-8017-00	Choke
25	1	013-6051-00	3/8" Fine Threaded Jam Nut
26	2	018-0009-00	3/8 x 1 3/4 Carriage Bolt
27	1	055-2012-00	Universal Throttle Head - 2012
28	2	018-5200-00	10-24 X 5/8 BS C/S 18-8 SS
29	2	018-4700-00	3/8-16x3 grade 5 hex bolt
30	7	019-5029-00	3/8" Flat Washer
31	2	018-0024-00	M6-1.0 X 16MM Hex Bolt
32	1	067-0020-00	Carbon Canister ZT,CZT,Outlaw
33	1	051-8072-00	1/4" vinyl tubing
34	1	051-8073-00	3/16 vinyl tubing
35	2	072-8073-00	3/16" Vinyl Hose Clamp
36	2	072-8070-00	3/16 vinyl clamp
37	1	039-0150-00	Brake Cable Adapter Bracket
38	2	018-1080-00	12-24x 1/2 HWH Bolt
39	2	013-9005-00	5/16-18 Nylock Jam Nut 1/2 Nut
40	1	069-1000-00	Brake Handle Cam Over
41	1	069-7000-00	Rubber Brake Grip-cZT/ZT 2013
42	1	032-5053-00	Bronze Bushing SF-1220-8
43	1	013-0009-00	3/8-16 Hex Flange Top L/N
44	1	031-2041-00	Outlaw 2015 Tank Support (Left)
45	1	031-2040-00	Outlaw 2015 Tank Support (Right)
46	1	064-0047-00	2015 Seat Latch Cable
47	1	064-0046-00	2015 Seat Latch Toggle
48	2	018-9000-00	3/16 Rivet
49	1	014-2000-00	Black Plug - 5/8" Head (EFI Engines Only)
50	1	034-1075-00	Torsion Spring for Seat latch
51	1	031-0200-00	Seat Latch Lever
52	1	018-0012-00	5/16-18 X 2 Hex C/S (GR.5) ZC
53	1	018-4007-00	1/4-20 x 1 GR 5 hex bolt zinc
54	1	018-4702-00	1/4-20 x 1-1/4 GR 5 Hex Bolt
55	2	013-2050-00	1/4-20 Nylon Insert flange Nut
56	1	025-2000-00	.380x.735x.470 Nylon Spacer
57	1	018-2007-00	5/16" x 1" Bolt
58	4	018-1010-00	3/8-16x3-1/2 grade 5 hex bolt
59	1	025-0001-00	2015 Brake Lever Spacer
60	1	018-4706-00	3/8 x 1 1/2 Carriage Bolt
61	1	055-8021-75	Outlaw Throttle Cable (Cable Only)

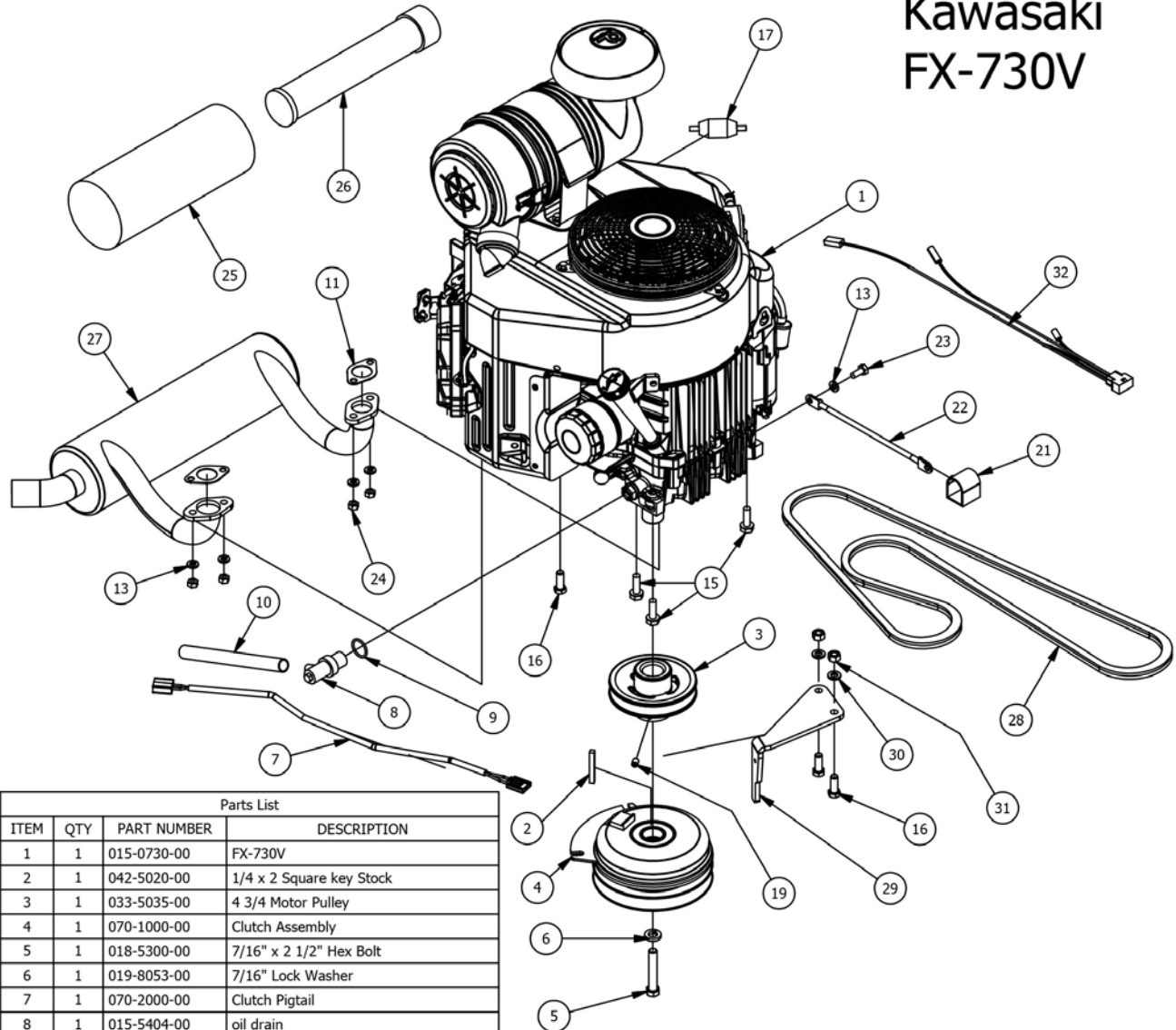




Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	203-0100-00	Outlaw Transaxle Cross Brace
2	4	018-5006-00	1/2" x 1 1/2" Hex Bolt
3	8	019-5007-00	1/2" Lock Washer
4	1	050-7000-00	ZT - 5400 - Left
5	4	018-2030-00	1/2" x 1" Hex Bolt
6	1	050-7001-00	ZT - 5400 - Right
7	10	013-3000-00	Acorn Lug Nut
8	2	022-4005-00	24 x 12.00 - 10 outlaw Tire
9	2	022-4070-00	10" Black Wheel For Outlaw
10	2	039-2135-00	2015 Outlaw Brake Adapter (4400 Transaxles Only)
11	4	018-2006-00	5/16 x 1 1/4 Hex Bolt (4400 Transaxles Only)
12	4	013-8049-00	5/16" Flange Nut Zinc W/Serrations (4400 Transaxles Only)
13	1	050-1000-00	4400 Transaxle - Left (Base Outlaw)
14	1	050-1050-00	4400 Transaxle - Right (Base Outlaw)
15	2	022-4050-00	24 x 12.00 - 10 Tire and Black Wheel Assembly
16	2	063-1060-00	Hydro Filter for Outlaw Extreme
17	2	063-1070-00	4400 Hydro Filter for Outlaw
18	2	050-2073-00	Fan/Pulley Kit for Outlaw

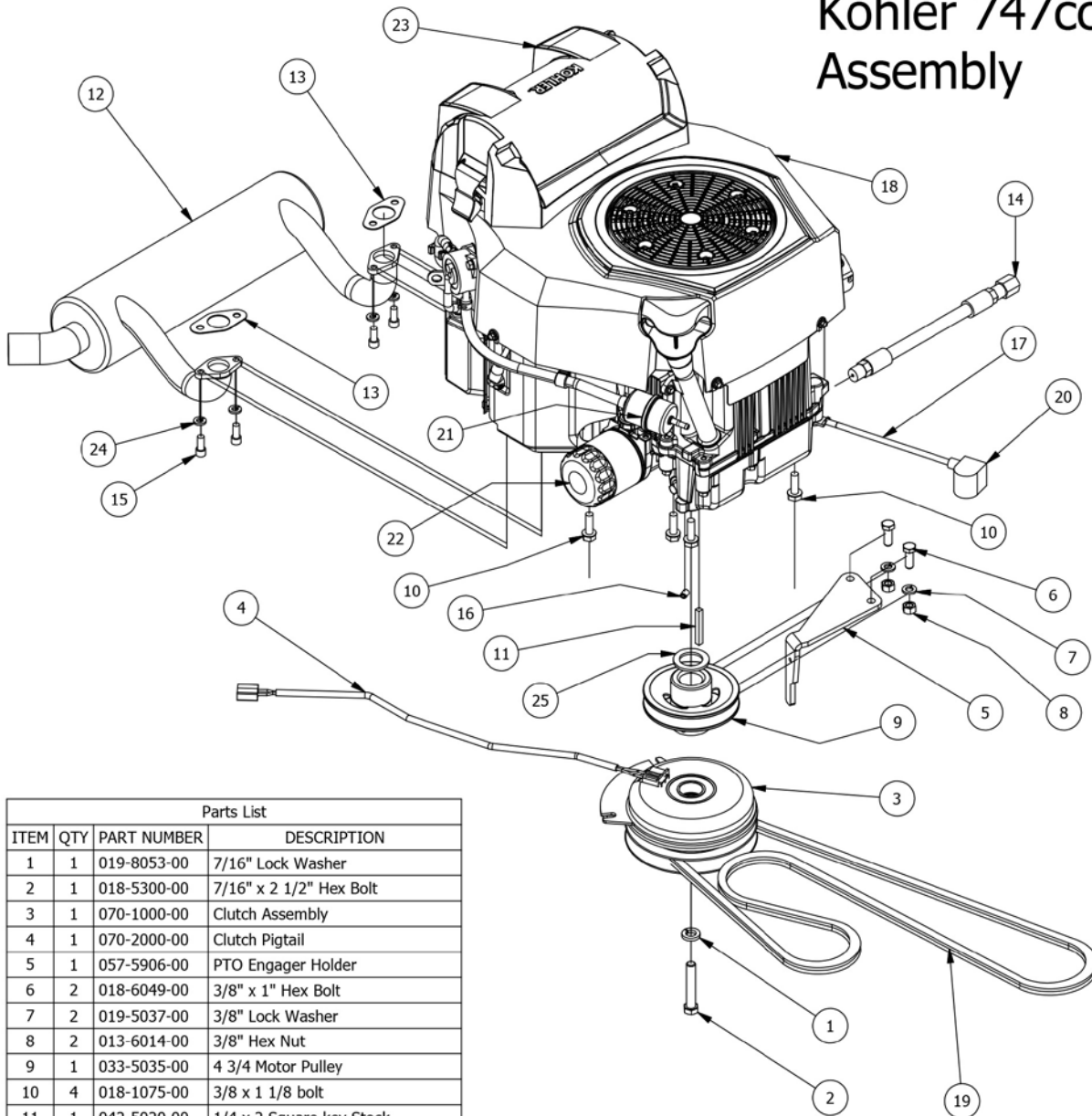


# Kawasaki FX-730V



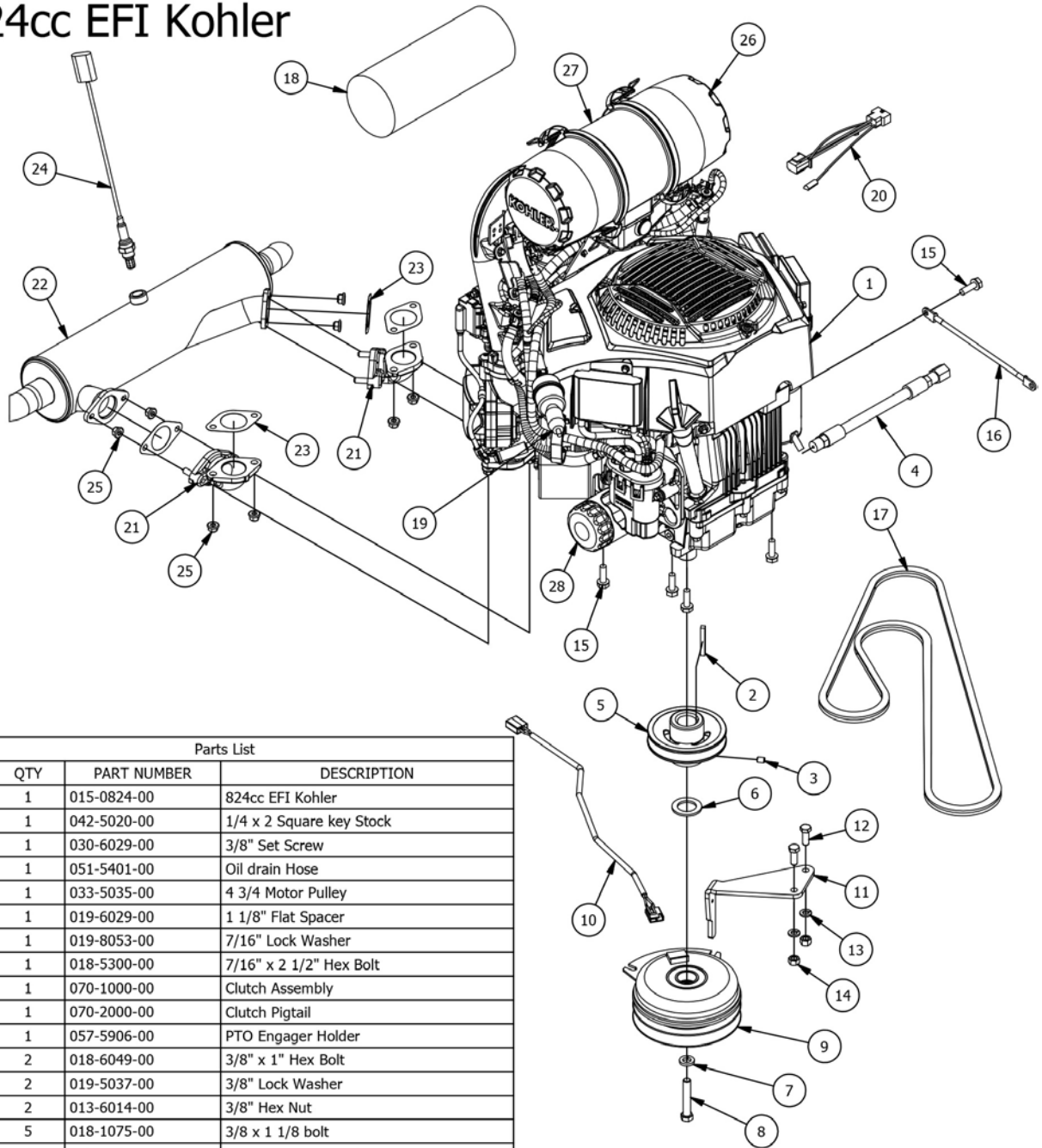
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	015-0730-00	FX-730V
2	1	042-5020-00	1/4 x 2 Square key Stock
3	1	033-5035-00	4 3/4 Motor Pulley
4	1	070-1000-00	Clutch Assembly
5	1	018-5300-00	7/16" x 2 1/2" Hex Bolt
6	1	019-8053-00	7/16" Lock Washer
7	1	070-2000-00	Clutch Pigtail
8	1	015-5404-00	oil drain
9	1	015-5403-00	O-Ring
10	1	051-8064-00	1/2 Clear Braded Hose Priced/Foot
11	2	015-2709-00	Exhaust gasket
13	5	019-8051-00	5/16" Lock Washer
15	3	018-1075-00	3/8 x 1 1/8 bolt
16	3	018-6049-00	3/8" x 1" Hex Bolt
17	1	063-6000-00	Universal inline Fuel Filter
19	1	030-0050-00	5/16 Set Screw
21	1	103-5400-00	Black Boot For ground cable
22	1	064-0030-00	Ground Cable
23	1	018-5321-00	M8x1.20x20MM Hex head bolt
24	4	013-0075-00	M8-1.25 Zinc Nut
25	1	063-9005-00	Canister Air Filter- Outer
26	1	063-9010-00	Canister Air Filter- Inner
27	1	015-0048-00	Exhaust Kawasaki
28	1	041-5048-00	Pump Belt
29	1	057-5906-00	PTO Engager Holder
30	2	019-5037-00	3/8" Lock Washer
31	2	013-6014-00	3/8" Hex Nut
32	1	086-9002-00	Harness Adaptor - Outlaw FX (All)

# Kohler 747cc Assembly



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	019-8053-00	7/16" Lock Washer
2	1	018-5300-00	7/16" x 2 1/2" Hex Bolt
3	1	070-1000-00	Clutch Assembly
4	1	070-2000-00	Clutch Pigtail
5	1	057-5906-00	PTO Engager Holder
6	2	018-6049-00	3/8" x 1" Hex Bolt
7	2	019-5037-00	3/8" Lock Washer
8	2	013-6014-00	3/8" Hex Nut
9	1	033-5035-00	4 3/4 Motor Pulley
10	4	018-1075-00	3/8 x 1 1/8 bolt
11	1	042-5020-00	1/4 x 2 Square key Stock
12	1	015-0065-00	2014 Kohler Outlaw Muffler
13	2	015-2751-00	Exhaust Gasket
14	1	015-5401-00	Oil drain Valve
15	4	018-8067-00	5/16-18 x 3/4 Socket C/S
16	1	030-0050-00	5/16 Set Screw
17	1	086-0005-00	Starter to chassis cable
18	1	015-2030-00	Kohler-2014 CZT/Outlaw 747cc
19	1	041-5048-00	Pump Belt
20	1	103-5400-00	Black Boot For ground cable
21	1	063-5001-00	725 & 747 Kohler Fuel Filter
22	1	063-5000-00	725 & 747 Kohler Oil Filter
23	1	063-5005-00	747 Kohler Air Filter CZT/Outlaw
24	4	019-8051-00	5/16" Lock Washer
25	1	019-6029-00	1 1/8" Flat Spacer

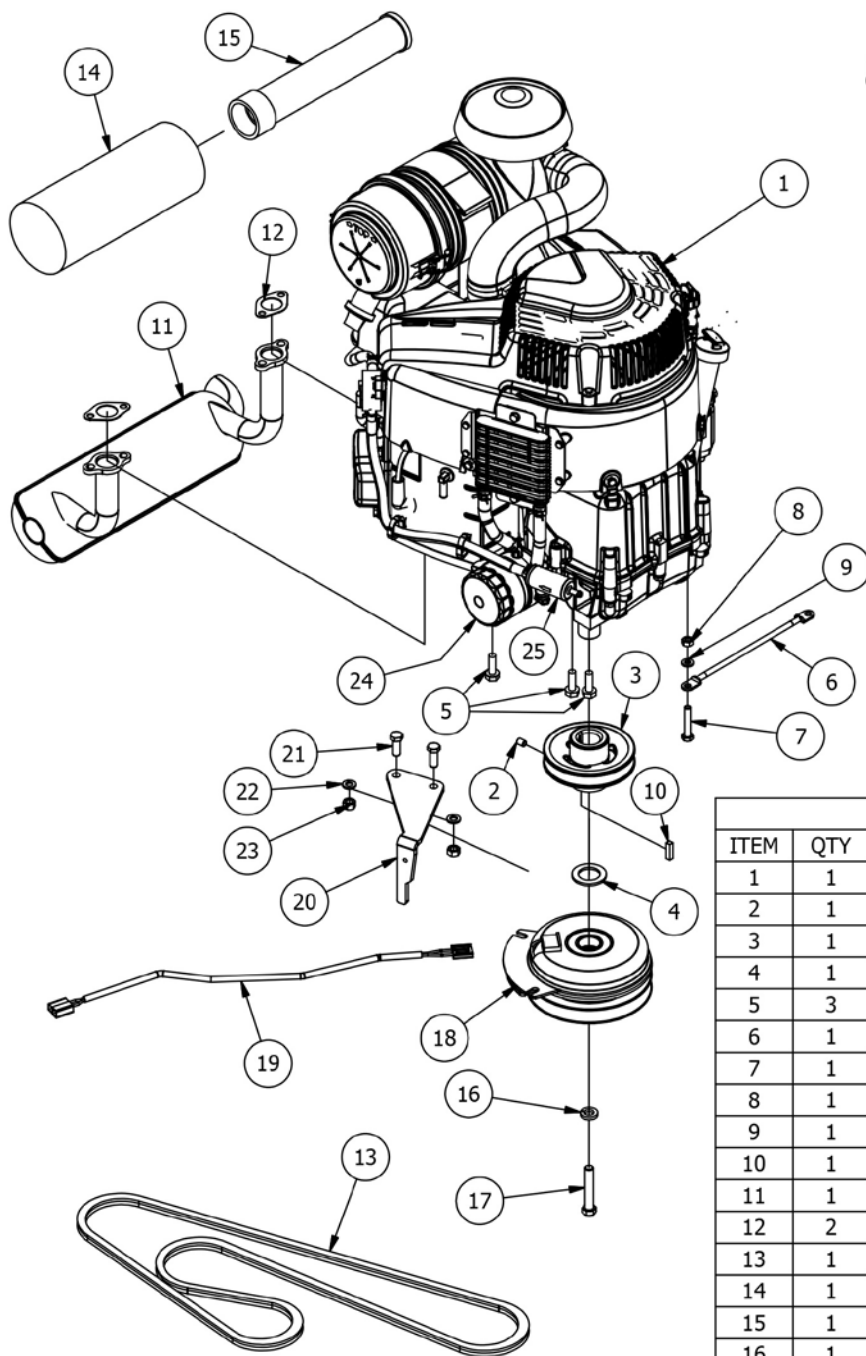
## 824cc EFI Kohler



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	015-0824-00	824cc EFI Kohler
2	1	042-5020-00	1/4 x 2 Square key Stock
3	1	030-6029-00	3/8" Set Screw
4	1	051-5401-00	Oil drain Hose
5	1	033-5035-00	4 3/4 Motor Pulley
6	1	019-6029-00	1 1/8" Flat Spacer
7	1	019-8053-00	7/16" Lock Washer
8	1	018-5300-00	7/16" x 2 1/2" Hex Bolt
9	1	070-1000-00	Clutch Assembly
10	1	070-2000-00	Clutch Pigtail
11	1	057-5906-00	PTO Engager Holder
12	2	018-6049-00	3/8" x 1" Hex Bolt
13	2	019-5037-00	3/8" Lock Washer
14	2	013-6014-00	3/8" Hex Nut
15	5	018-1075-00	3/8 x 1 1/8 bolt
16	1	086-0005-00	Starter to chassis cable
17	1	041-5048-00	Pump Belt
18	1	063-8019-00	Canister Air Filter- Outer
19	1	063-6000-00	Universal inline Fuel Filter
20	1	086-9003-00	Harness Adaptor - 824cc EFI Kohler
21	2	031-9040-00	Cast 90 Elbow
22	1	015-0825-00	824cc Kohler Exhaust
23	4	015-9500-00	Exhaust Gasket for 824EFI Kohler
24	1	015-4100-00	O2 Sensor for 824EFI Kohler
25	8	013-1000-00	M8 .125 Mechanical locking Flange Nut
26	1	015-2704-00	Kohler End Cap
27	1	015-2703-00	Kohler Air Canister Complete
28	1	063-5400-00	Oil Filter



## 810cc Vanguard

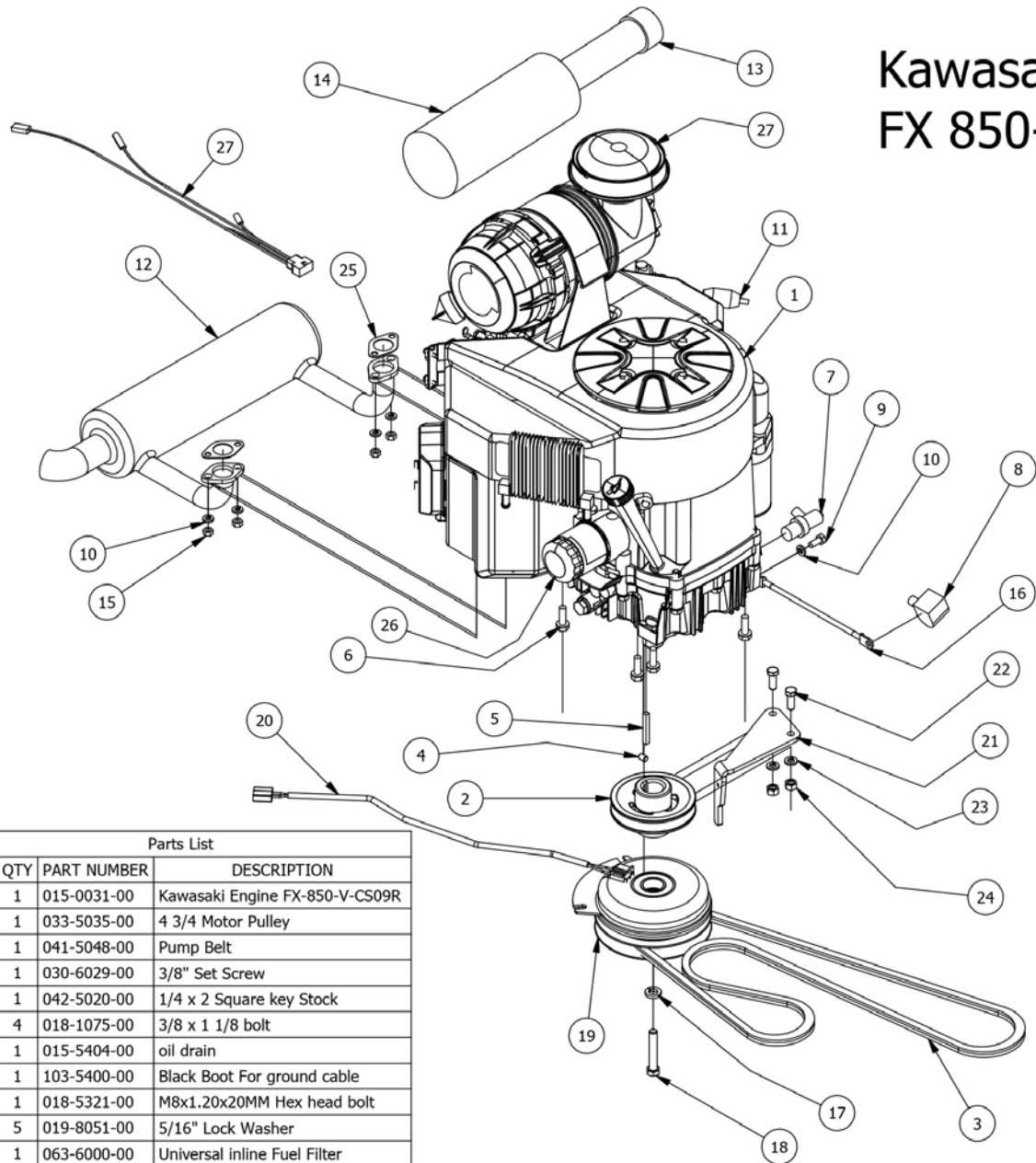


Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	015-0810-00	810 Vanguard
2	1	030-6029-00	3/8" Set Screw
3	1	033-5035-00	4 3/4 Motor Pulley
4	1	019-6029-00	1 1/8" Flat Spacer
5	3	018-1075-00	3/8 x 1 1/8 bolt
6	1	086-0005-00	Starter to chassis cable
7	1	018-8059-00	5/16" x 1 3/4" Hex Bolt
8	1	013-8043-00	5/16" Nut
9	1	019-8051-00	5/16" Lock Washer
10	1	042-6030-00	1/4" x 1" Key
11	1	015-3031-00	Exhaust Briggs Engine
12	2	015-2709-00	Exhaust gasket
13	1	041-5048-00	Pump Belt
14	1	063-8019-00	Canister Air Filter- Outer
15	1	063-8020-00	Canister Air Filter- Inner
16	1	019-8053-00	7/16" Lock Washer
17	1	018-5300-00	7/16" x 2 1/2" Hex Bolt
18	1	070-1000-00	Clutch Assembly
19	1	070-2000-00	Clutch Pigtail
20	1	057-5906-00	PTO Engager Holder
21	2	018-6049-00	3/8" x 1" Hex Bolt
22	2	019-5037-00	3/8" Lock Washer
23	2	013-6014-00	3/8" Hex Nut
24	1	063-8018-00	Briggs Oil Filter
25	1	063-6000-00	Universal Inline Fuel Filter

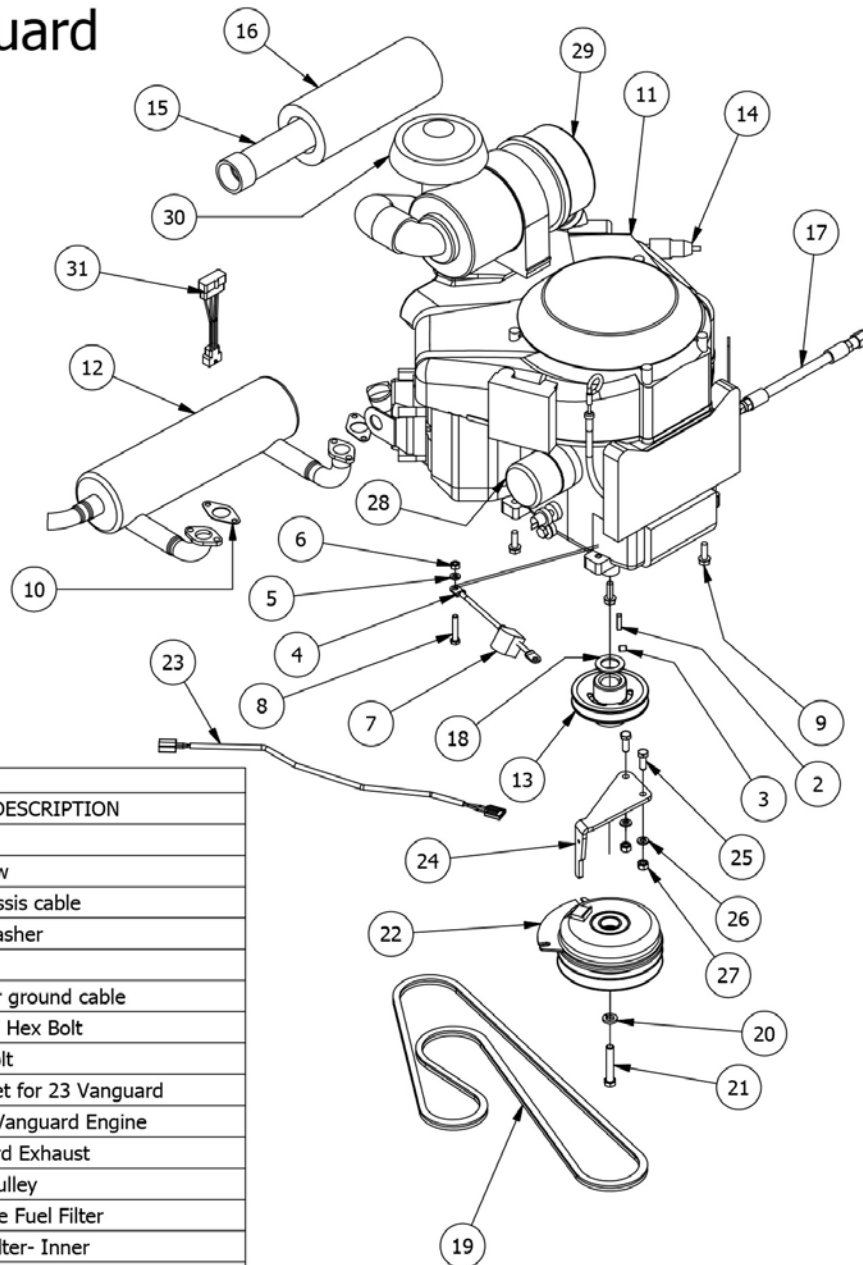


# Kawasaki FX 850-V



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	015-0031-00	Kawasaki Engine FX-850-V-CS09R
2	1	033-5035-00	4 3/4 Motor Pulley
3	1	041-5048-00	Pump Belt
4	1	030-6029-00	3/8" Set Screw
5	1	042-5020-00	1/4 x 2 Square key Stock
6	4	018-1075-00	3/8 x 1 1/8 bolt
7	1	015-5404-00	oil drain
8	1	103-5400-00	Black Boot For ground cable
9	1	018-5321-00	M8x1.20x20MM Hex head bolt
10	5	019-8051-00	5/16" Lock Washer
11	1	063-6000-00	Universal inline Fuel Filter
12	1	015-0035-00	Kawasaki Exhaust
13	1	063-8020-00	Canister Air Filter- Inner
14	1	063-8019-00	Canister Air Filter- Outer
15	4	013-0075-00	M8-1.25 Zinc Nut
16	1	086-0005-00	Starter to chassis cable
17	1	019-8053-00	7/16" Lock Washer
18	1	018-5300-00	7/16" x 2 1/2" Hex Bolt
19	1	070-1000-00	Clutch Assembly
20	1	070-2000-00	Clutch Pigtail
21	1	057-5906-00	PTO Engager Holder
22	2	018-6049-00	3/8" x 1" Hex Bolt
23	2	019-5037-00	3/8" Lock Washer
24	2	013-6014-00	3/8" Hex Nut
25	2	015-2709-00	Exhaust gasket
26	1	063-8017-00	Kawasaki Oil Filter
27	1	088-1071-00	Kawasaki Rain Cap
27	1	086-9002-00	Harness Adaptor - Outlaw FX (All)

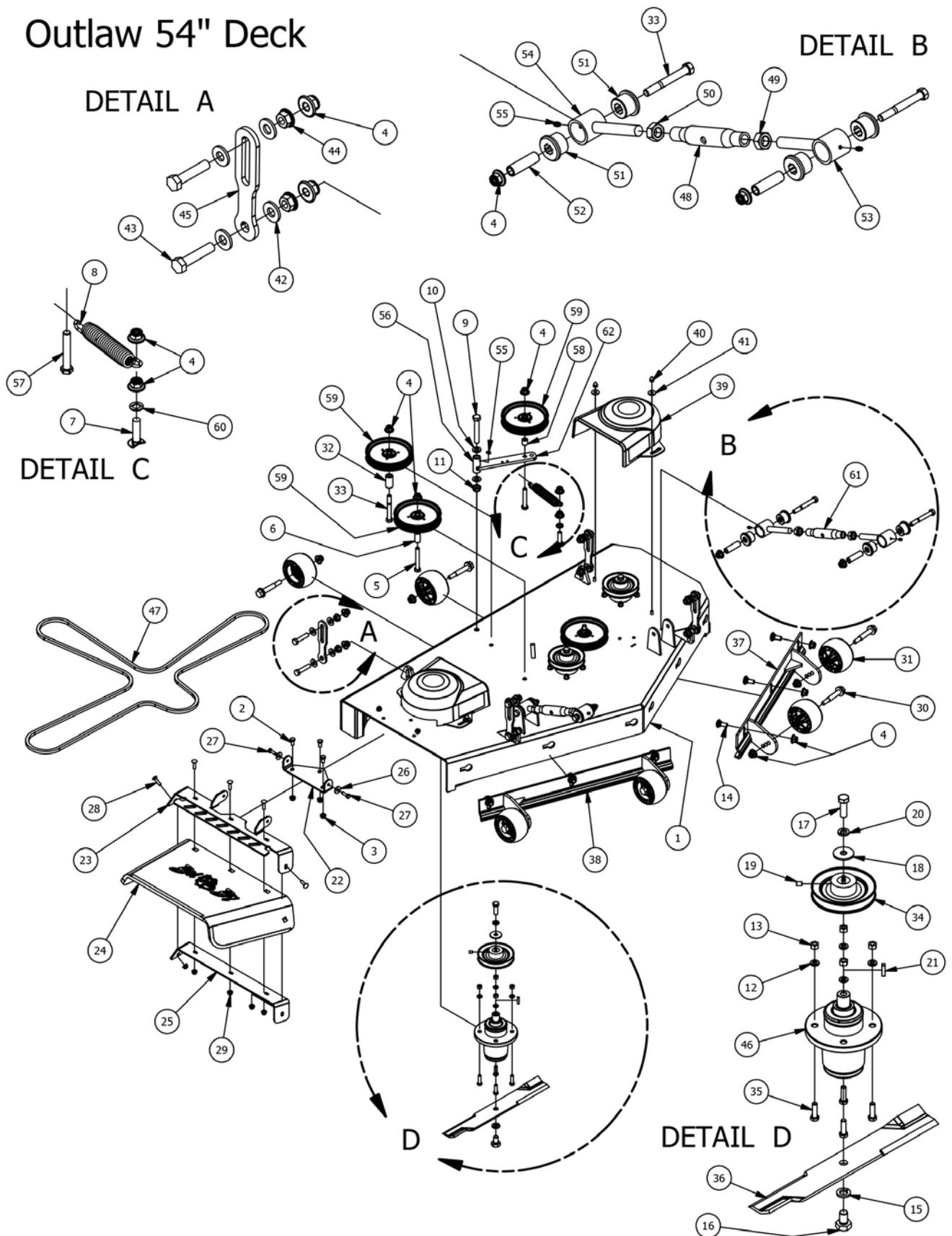
# 993cc Vanguard



993cc Vanguard			
ITEM	QTY	PART NUMBER	DESCRIPTION
2	1	042-6030-00	1/4" x 1" Key
3	1	030-0050-00	5/16 Set Screw
4	1	086-0005-00	Starter to chassis cable
5	1	019-8051-00	5/16" Lock Washer
6	1	013-8043-00	5/16" Nut
7	1	103-5400-00	Black Boot For ground cable
8	1	018-8059-00	5/16" x 1 3/4" Hex Bolt
9	3	018-1075-00	3/8 x 1 1/8 bolt
10	2	015-0025-00	Exhaust Gasket for 23 Vanguard
11	1	015-3600-00	993cc Briggs Vanguard Engine
12	1	015-0034-00	32Hp Vanguard Exhaust
13	1	033-5035-00	4 3/4 Motor Pulley
14	1	063-6000-00	Universal inline Fuel Filter
15	1	063-8020-00	Canister Air Filter- Inner
16	1	063-8019-00	Canister Air Filter- Outer
17	1	051-5402-00	14 mm Oil drain Hose 993cc Vanguard
18	1	019-6029-00	1 1/8" Flat Spacer
19	1	041-5048-00	Pump Belt
20	1	019-8053-00	7/16" Lock Washer
21	1	018-5300-00	7/16" x 2 1/2" Hex Bolt
22	1	070-1000-00	Clutch Assembly
23	1	070-2000-00	Clutch Pigtail
24	1	057-5906-00	PTO Engager Holder
25	2	018-6049-00	3/8" x 1" Hex Bolt
26	2	019-5037-00	3/8" Lock Washer
27	2	013-6014-00	3/8" Hex Nut
28	1	063-8018-00	Briggs Oil Filter
29	1	015-2705-00	Complete Canister
30	1	063-2045-00	Rain Cap Fits all Canisters
31	1	086-9001-00	Harness Adaptor - 933cc Vanguard



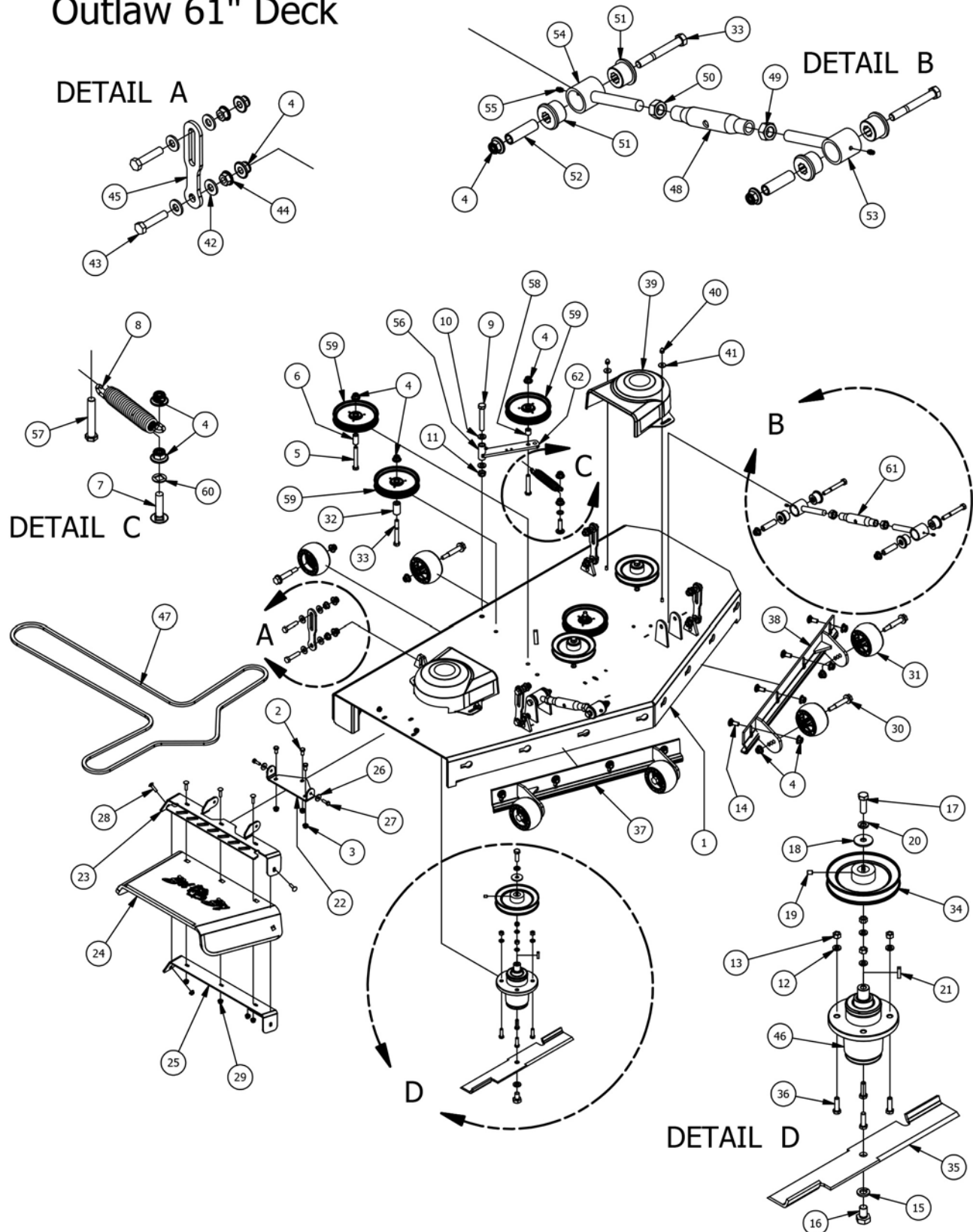
## Outlaw 54" Deck



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	060-5550-00	2015 54" Deck
2	3	018-5250-00	3/8" x 3/4" Hex Bolt
3	3	013-5201-00	3/8" Flange Nut
4	30	013-8050-00	1/2-13 Nylon Flange Nut-Orange
5	2	018-2018-00	1/2 x 3 1/2 Flange Bolt Grade 8
6	2	025-5338-00	.502 ID X .75 OD X 1.500 Leng
7	1	018-1050-00	1/2 x 2" Carriage Bolt
8	1	034-2020-00	2015 Deck Idler Spring Outlaws
9	1	018-5311-00	5/8" x 4" Hex Bolt
10	2	019-6017-00	.635 ID Plastic Washer
11	1	013-5301-00	5/8-11 Nylon Insert Jam Half Nut
12	12	019-5037-00	3/8 Lockwasher Zinc
13	12	013-6014-00	3/8-16 Hex Nuts Zinc
14	6	018-3003-00	1/2" x 1 1/4 Carriage Bolt
15	3	019-4807-00	5/8" Lock Washer
16	3	018-6020-00	5/8" x 1 1/2" Gr8 Hex Bolt (Fine)
17	3	018-6019-00	1/2"-20 x 1 1/2 - Grade 5 Fine Thread Bolt
18	3	019-6020-00	1/2 Belleville Washer
19	3	030-0050-00	5/16 Set Screw
20	3	019-5007-00	1/2" Lock Washer
21	3	042-6030-00	1/4" x 1" Key
22	1	206-6017-00	Discharge Chute Hanger (deck mounted)
23	1	039-4864-00	60" Discharge Chute Upper Hanger
24	1	210-6005-00	Rubber Discharge Chute
25	1	039-4863-00	60" Discharge Lower Bracket
26	2	019-6042-00	.360 ID Plastic Washer
27	2	018-2007-00	5/16" x 1" Bolt
28	5	018-4703-00	5/16" x 1 1/4" Carriage Bolt
29	7	013-8049-00	5/16" Flange Nut Zinc W/Serrations
30	6	018-0010-00	Deck Wheel Bolt
31	6	022-1000-00	Anti-Scalp Rollers
32	1	025-5339-00	1 3/4" Pulley Spacer
33	5	018-5019-00	1/2" x 4" Bolt (Grade 8)
34	3	033-6003-00	5" Deck Pulley
35	12	018-5040-00	3/8" x 1 1/4" Hex Bolt
36	3	038-0001-00	54" Deck Fusion Blade For Outlaw
37	1	060-5520-00	54 Deck Adustable Front (Left)
38	1	060-5530-00	54 Deck Adustable Front (Right)
39	2	014-5000-00	Pulley Cover
40	4	013-0004-00	Acorn nut-pulley Cover
41	4	019-6050-00	.360 ID Plastic Washer-Black
42	16	019-8054-00	.505 Nylon Spacer
43	8	018-6037-00	1/2-13X 2-1/4 GR Hex Bolts
44	8	013-5300-00	1/2" Flange Nut
45	4	039-2125-00	Deck_Hanging_Tab
46	3	037-4000-50	OUTLAW SPINDLE ASSEMBLY
47	1	041-1650-00	60" ZT Deck Belt
48	2	048-7020-00	Body
49	2	013-0008-00	3/4-10 Left-Handed Hex Nuts Zinc
50	2	013-0007-00	3/4-10 Hex Nuts Zinc
51	8	032-2000-00	Bushing
52	4	032-2001-00	Sleeve
53	2	048-7022-00	Turn Left-Handed
54	2	048-7021-00	Right-Handed End
55	5	024-6034-00	1/4" Press in Grease Fitting
56	1	039-6945-00	Deck Idler
57	1	018-7016-00	1/2-13 x GR 5 Hex Bolt Zinc
58	1	025-5203-00	3/4 OD x 1/2 ID x 3\4 Length
59	4	033-7201-00	5-3/4 Idler Pulley
60	1	019-0007-00	.517 Square Hole Round Washer
61	1	048-7000-00	Turnbuckle Assembly
62	1	039-6945-98	Deck Idler Assembly - Includes parts: 4,10,59,60,61



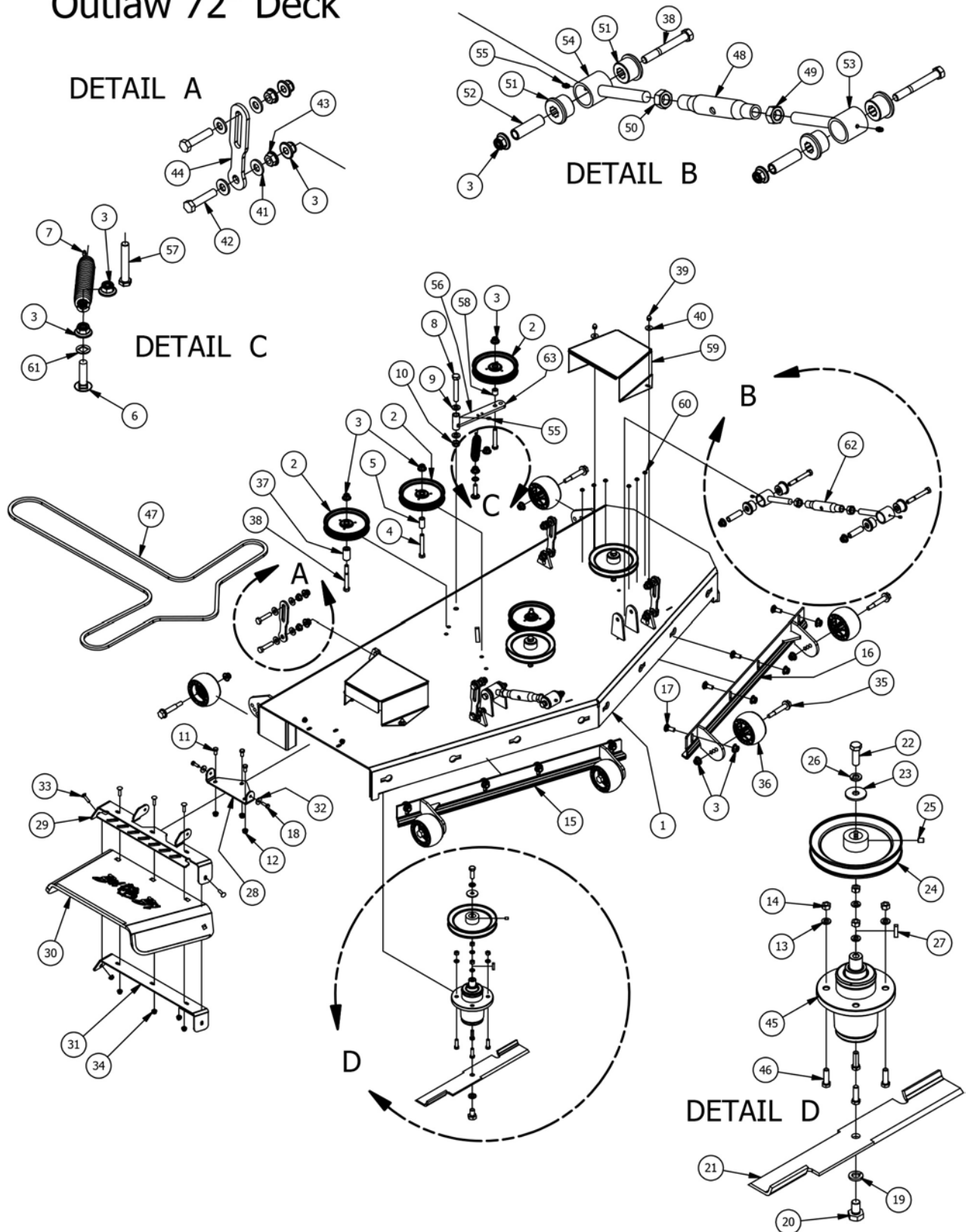
# Outlaw 61" Deck





Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	060-6150-00	2015 61" Deck
2	3	018-5250-00	3/8" x 3/4" Hex Bolt
3	3	013-5201-00	3/8" Flange Nut
4	32	013-8050-00	1/2-13 Nylon Flange Nut-Orange
5	2	018-2018-00	1/2 x 3 1/2 Flange Bolt Grade 8
6	2	025-5338-00	.502 ID X .75 OD X 1.500 Leng
7	1	018-1050-00	1/2 x 2" Carriage Bolt
8	1	034-2020-00	2015 Deck Idler Spring Outlaws
9	1	018-5311-00	5/8" x 4" Hex Bolt
10	2	019-6017-00	.635 ID Plastic Washer
11	1	013-5301-00	5/8-11 Nylon Insert Jam Half Nut
12	12	019-5037-00	3/8 Lockwasher Zinc
13	12	013-6014-00	3/8-16 Hex Nuts Zinc
14	8	018-3003-00	1/2" x 1 1/4 Carriage Bolt
15	3	019-4807-00	5/8" Lock Washer
16	3	018-6020-00	5/8" x 1 1/2" Gr8 Hex Bolt (Fine)
17	3	018-6019-00	1/2"-20 x 1 1/2 - Grade 5 Fine Thread Bolt
18	3	019-6020-00	1/2 Belleville Washer
19	3	030-0050-00	5/16 Set Screw
20	3	019-5007-00	1/2" Lock Washer
21	3	042-6030-00	1/4" x 1" Key
22	1	206-6017-00	Discharge Chute Hanger (deck mounted)
23	1	039-4864-00	60" Discharge Chute Upper Hanger
24	1	210-6005-00	Rubber Discharge Chute
25	1	039-4863-00	60" Discharge Lower Bracket
26	2	019-6042-00	.360 ID Plastic Washer
27	2	018-2007-00	5/16" x 1" Bolt
28	5	018-4703-00	5/16" x 1 1/4" Carriage Bolt
29	7	013-8049-00	5/16" Flange Nut Zinc W/Serrations
30	6	018-0010-00	Deck Wheel Bolt
31	6	022-1000-00	Anti-Scalp Rollers
32	1	025-5339-00	1 3/4" Pulley Spacer
33	5	018-5019-00	1/2" x 4" Bolt (Grade 8)
34	3	033-6004-00	6 1/4" Drive Pulley
35	3	038-6080-00	61 inch Fusion Blade
36	12	018-5040-00	3/8" x 1 1/4" Hex Bolt
37	1	060-6220-00	61 Deck Adjustable Front (Right)
38	1	060-6210-00	61 Deck Adjustable Front (Left)
39	2	014-5000-00	Pulley Cover
40	4	013-0004-00	Acorn nut-pulley Cover
41	4	019-6050-00	.360 ID Plastic Washer-Black
42	16	019-8054-00	.505 Nylon Spacer
43	8	018-6037-00	1/2-13X 2-1/4 GR Hex Bolts
44	8	013-5300-00	1/2" Flange Nut
45	4	039-2125-00	Deck_Hanging_Tab
46	3	037-4000-50	OUTLAW SPINDLE ASSEMBLY
47	1	041-0178-00	B178 Belt For 61 Inch Outlaw
48	2	048-7020-00	Body
49	2	013-0008-00	3/4-10 Left-Handed Hex Nuts Zinc
50	2	013-0007-00	3/4-10 Hex Nuts Zinc
51	8	032-2000-00	Bushing
52	4	032-2001-00	Sleeve
53	2	048-7022-00	Turn Left-Handed
54	2	048-7021-00	Right-Handed End
55	5	024-6034-00	1/4" Press in Grease Fitting
56	1	039-6945-00	Deck Idler
57	1	018-7016-00	1/2-13 x GR 5 Hex Bolt Zinc
58	1	025-5203-00	3/4 OD x 1/2 ID x 3/4 Length
59	4	033-7201-00	5-3/4 Idler Pulley
60	1	019-0007-00	.517 Square Hole Round Washer
61	1	048-7000-00	Turnbuckle Assembly
62	1	039-6945-98	Deck Idler Assembly - Includes parts: 4,10,59,60,61

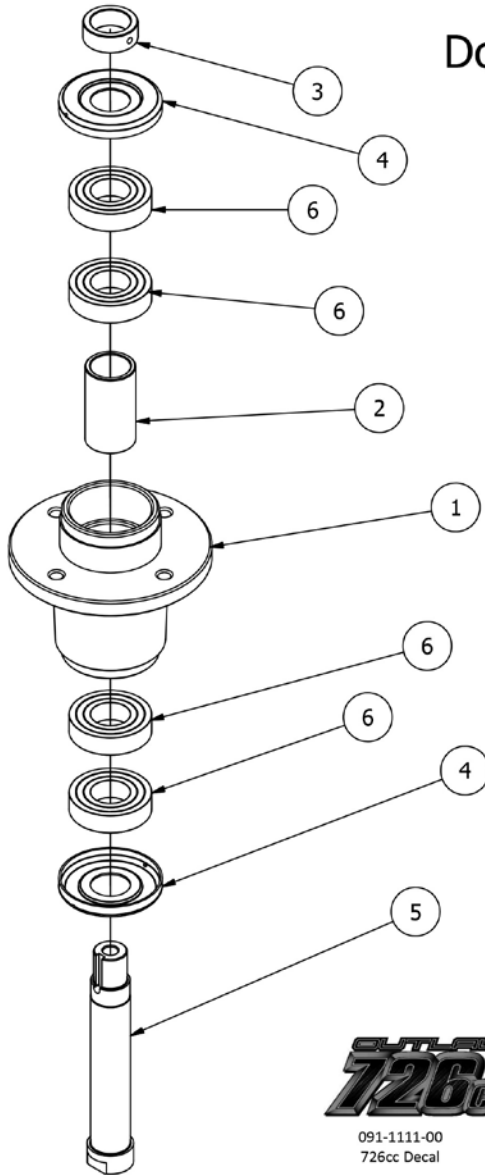
# Outlaw 72" Deck



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	060-7250-00	2015 72" Deck
2	4	033-7201-00	5-3/4 Idler Pulley
3	32	013-8050-00	1/2-13 Nylon Flange Nut-Orange
4	2	018-2018-00	1/2 x 3 1/2 Flange Bolt Grade 8
5	2	025-5338-00	.502 ID X .75 OD X 1.500 Leng
6	1	018-1050-00	1/2 x 2" Carriage Bolt
7	1	034-2020-00	2015 Deck Idler Spring Outlaws
8	1	018-5311-00	5/8" x 4" Hex Bolt
9	2	019-6017-00	.635 ID Plastic Washer
10	1	013-5301-00	5/8-11 Nylon Insert Jam Half Nut
11	3	018-5250-00	3/8" x 3/4" Hex Bolt
12	3	013-5201-00	3/8" Flange Nut
13	12	019-5037-00	3/8 Lockwasher Zinc
14	12	013-6014-00	3/8-16 Hex Nuts Zinc
15	1	060-7211-00	72" Deck Adjustable Front (Right)
16	1	060-7210-00	72" Deck Adjustable Front (Left)
17	8	018-3003-00	1/2" x 1 1/4 Carriage Bolt
18	2	018-2007-00	5/16" x 1" Bolt
19	3	019-4807-00	5/8" Lock Washer
20	3	018-6020-00	5/8" x 1 1/2" Gr8 Hex Bolt (Fine)
21	3	038-7230-00	72" High Lift Fusion Blade
22	3	018-6019-00	1/2"-20 x 1 1/2 - Grade 5 Fine Thread Bolt
23	3	019-6020-00	1/2 Belleville Washer
24	3	033-7203-00	7" Deck Pulley
25	3	030-0050-00	5/16 Set Screw
26	3	019-5007-00	1/2" Lock Washer
27	3	042-6030-00	1/4" x 1" Key
28	1	206-6017-00	Discharge Chute Hanger (deck mounted)
29	1	039-4864-00	60" Discharge Chute Upper Hanger
30	1	210-6005-00	Rubber Discharge Chute
31	1	039-4863-00	60" Discharge Lower Bracket
32	2	019-6042-00	.360 ID Plastic Washer
33	5	018-4703-00	5/16" x 1 1/4" Carriage Bolt
34	7	013-8049-00	5/16" Flange Nut Zinc W/Serrations
35	6	018-0010-00	Deck Wheel Bolt
36	6	022-1000-00	Anti-Scalp Rollers
37	1	025-5339-00	1 3/4" Pulley Spacer
38	5	018-5019-00	1/2" x 4" Bolt (Grade 8)
39	4	013-0004-00	Acorn nut-pulley Cover
40	4	019-6050-00	.360 ID Plastic Washer-Black
41	16	019-8054-00	.505 Nylon Spacer
42	8	018-6037-00	1/2-13X 2-1/4 GR Hex Bolts
43	8	013-5300-00	1/2" Flange Nut
44	4	039-2125-00	Deck_Hanging_Tab
45	3	037-4000-50	OUTLAW SPINDLE ASSEMBLY
46	12	018-5040-00	3/8" x 1 1/4" Hex Bolt
47	1	041-0202-00	B202 Belt for 72" Outlaw
48	2	048-7020-00	Body
49	2	013-0008-00	3/4-10 Left-Handed Hex Nuts Zinc
50	2	013-0007-00	3/4-10 Hex Nuts Zinc
51	8	032-2000-00	Bushing
52	4	032-2001-00	Sleeve
53	2	048-7022-00	Turn Left-Handed
54	2	048-7021-00	Right-Handed End
55	5	024-6034-00	1/4" Press in Grease Fitting
56	1	039-6945-00	Deck Idler
57	1	018-7016-00	1/2-13 x GR 5 Hex Bolt Zinc
58	1	025-5203-00	3/4 OD x 1/2 ID x 3/4 Length
59	2	014-7204-00	72 Spindle Cover
60	12	058-6000-00	Black, Round Stick-On Rubber Bumpon
61	1	019-0007-00	.517 Square Hole Round Washer
62	1	048-7000-00	Turnbuckle Assembly
63	1	039-6945-98	Deck Idler Assembly - Includes parts: 3,9,59,60,61



## 037-4000-50 Double Bearing Spindle



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	037-4001-00	4000 Series Spindle Housing
2	1	037-4002-00	4000 Series Spindle Spacer
3	1	037-9050-00	Locking Collar w/ 1/4"-20 Set Screw
4	2	037-8002-00	Spindle Dust Cap
5	1	037-6026-00	ZT-AOS Spindle Shaft
6	4	037-6023-00	Bearing - 6206



091-1111-00  
726cc Decal



091-1108-00  
747cc Decal



091-1110-00  
810cc Decal



091-1113-00  
824cc Decal



091-0904-00  
54" Decal



091-1152-00  
2015 Outlaw Control Panel Decal



091-3017-00  
Pump Belt Route Decal



091-1109-00  
852cc Decal



091-0917-00  
61" Decal



091-1102-00 Left Steering Control Decal  
091-1103-00 Right Steering Control Decal



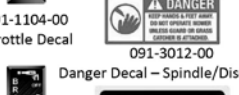
091-3309-00  
Deck Belt Route Decal



091-1112-00  
993cc Decal



091-0918-00  
72" Decal



091-1104-00 Throttle Decal  
091-3012-00 Danger Decal - Spindle/Discharge



091-3060-00  
Swing-Away Patent Decal



091-1105-00  
Outlaw Deck Height Decal



091-0919-00  
ArmorTek Decal



091-1101-00  
Brake Decal



091-1020-00  
Hydraulic Tank



091-3150-00  
Outlaw Warning Decal



091-0902-00  
Logo Decal-Floorboard

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