I'm not a bot



Sep 23, 2015 / Best way to clean a zero turn after mowing? Ive had my Toro Titan ZX5400 only a short time but I hear using water on it can cause numerous problems. I don't mow when grass is still wet so I just use my air compressor or my shop vac to blow all the grass off machine before pulling it into garage. Sep 23, 2015 / Best way to clean a zero turn after mowing? thanks for the rapid reply i thought about that but it has a oil leak(witch i am fixing) so grass tends to stick to it Sep 24, 2015 / Best way to clean a zero turn after mowing? how is the best way to clean the zero turn after mowing. I've been using a water hose, but after the plugs started rusting and all that. i quit. now what? Ive had my Toro Titan ZX5400 only a short time but I hear using water on it can cause numerous problems. I don't mow when grass is still wet so I just use my air compressor or my shop vac to blow all the grass off machine before pulling it into garage. Using water or washing a mower doesn't really hurt anything, if it did I don't think they would put washouts on the deck to hook a hose to. What I wouldn't do is use a pressure washer to clean a mower. When I do wash the mower I'll start the engine after and run it until it dry's itself. I use the BR 600 blower and before I load the mower after every yard I do to remove all the grass and crud from around the deck belts and pulley's and drives and fans before moving to the next location and before I load the mower after every yard I do to remove all the grass and crud from around the deck belts and pulley's and drives and fans before moving to the next location and before I load the mower after every yard I do to remove all the grass and crud from around the deck belts and pulley's and drives and fans before moving to the next location and before I load the mower after every yard I do to remove all the grass and crud from around the deck belts and pulley's and drives and fans before moving to the next location and before I load the mover after every yard I do to remove all the grass and crud from around the deck belts and pulley's and drives and fans before moving to the next location and before I load the mover after every yard I do to remove all the grass and crud from around the deck belts and pulley's and drives and fans before moving to the next location around the deck belts and pulley's and drives and fans before moving to the next location are the next location and before I load the mover after every yard I do to remove all the next location are the n after mowing? Gees, agreeing with Ric yet again. Compressed air and a blower gun with a very long tube is my suggestion and what I use in the shop.got them from 5' long (yes a newie) a couple of 4' then a dozen or so down to 6". Long guns mean you can stand back so you don't get covered with clippings & dust. Also you do not need to crawl under the mower or burn your fingers blowing around the engine. Water on the top of the deck is a no no as it usually does not remove the grass very well and leaves clumps of wet grass sitting on your deck, rusting nice big holes or wicking under the powder coating. Water under the deck is fine just so long as you leave the blade spinning till it dries off. Air is good because it will shift accumulated grass from inside spindle covers. Second best is a leaf blower but no where as good. You should never ever turn up at a job with grass clippings on your machine. Doing so will leave you wide open to accuations of spreading weeds to your customers property and it is not a good look. Ditto with grass all over the trailer. Clean machine, clean treads on tyres is a good look and convinces he customers you are looking after their best interests. Cleaning your tyres will show up infestations of things like Bindi grass abd other nasties then you have the option of notifing the customer and getting an add on to spray for the offending weed. Also cleaning off after each job means you will be taking a close look at your mower so will notice the missing bolt, bent blade, frayed belt, thornin tyre etc, long before it causes a failure. Swapping out a belt with the mower on the loading ramps is a lot easier than pushing it 600 yards then trying to crawl under it sitting flat on the ground. Sep 24, 2015 / Best way to clean a zero turn after mowing? ok thank you will do that John Deere owners know how important it is to keep their lawn or managing acres of farmland, proper care of your John Deere lawn mower is essential for high performance and equipment longevity. In this blog, we'll explore some quick fixes and DIY maintenance tips to help you keep your John Deere mower running smoothly all season long. And when youre ready to find a lawn mower to tackle any task, visit Tennessee Tractor online or in-person. We would love to help you find the perfect lawn tractor or zero-turn mower. Regular CleaningOne of the simplest yet most effective ways to maintain your John Deere lawn mower is through regular cleaning. Just like you, after a long day of work, your lawn mower deserves a bath, too! After each use, take a few minutes to remove grass clippings and debris from the deck and undercarriage. This prevents rust buildup and ensures proper airflow, which is critical for engine cooling. For stubborn buildup, use a bristled scrubber or a blower to clean hard-to-reach areas. Fuel Management for the longevity of your John Deere lawn mower will be idle for more than 30 days, it's essential to add a fuel stabilizer to prevent clogging in the carburetor. This simple step can save you from costly carburetor cleaning or replacement down the line. When storing your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will make sure your mower for the off-season, either drain the fuel entirely or add a winter stabilizer to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. This practice will be added to the full tank. T Fresh oil keeps engine parts properly lubricated, reducing friction and heat buildup. As a general rule, change your mower's manual. Using premium-grade oil can improve engine operation, lubrication, and fuel economy. Blade MaintenanceSharp mower blades are essential for a healthy lawn and put extra strain on your mower's engine. Inspect your blades regularly and sharpen them at least once per season or after every 25 hours of use. If you're not comfortable sharpening the blades yourself, Tennessee Tractor's service department can handle this task for you. Tire Pressure Proper tire pressure is often overlooked but is crucial for even mowing. Uneven tire pressure and check the pressure. If you find yourself constantly dealing with flat tires, consider upgrading to John Deere lawn mower. Replace your spark plug annually or after every 100 hours of use. When installing a new spark plug, make sure to set the gap correctly according to your mower's fuel efficiency and overall performance. Battery CareFor electric-start models, proper battery maintenance is vital for steady running. Keep the battery terminals clean and free of corrosion. If your mower struggles to start, check the battery can cause starting issues, so consider replacing it if it's more than three years old. Professional Service: When to Call the ExpertsWhile many maintenance tasks can be performed at home, some issues require professional attention. If you encounter problems with the engine, transmission, or electrical system, it's best to bring your mower to Tennessee Tractor's certified technicians. Our team is factory-trained and equipped to handle complex repairs and maintenance tasks. We make sure your John Deere lawn mower receives the expert care it deserves. Bring Your Lawn Mower to Tennessee Tractor At Tennessee Tractor, we're committed to helping you maintain your John Deere equipment for years of reliable service. By following these DIY maintenance tips and quick fixes, you can keep your lawn mower in top condition and avoid costly repairs. Regular maintenance not only extends the life of your mower but also ensures a beautiful, well-manicured lawn. For all your John Deere lawn mower needs, from new equipment to parts and service, trust Tennessee, including Alamo, Brownsville, Dyersburg, Jackson, Martin, Paris, Ripley, Somerville, Trenton, and Union City, we're here to support you in all your lawn care goals. Visit us today and experience the Tennessee Tractor difference. Visit A Location Contact Us Home Blog Lawn Mowers Gas-Powered Lawn Mower Gas-Powered combustion in the engine cylinder. A carburetor can become dirty from running old fuel. Old fuel can leave behind gummy and crusty buildups that can clog the components in your carburetor can no longer regulate the amount of fuel it releases to mix with air to form combustion. These are some of the symptoms you could experience: Zero turn mover consumes too much fuel This post may include affiliate links. Purchases made through these links may provide a commission for us, at no extra cost to you. As an Amazon Associate, we earn from qualifying purchases. Follow all safety instructions provided in your equipment operators manual before diagnosing, repairing, or operating. Consult a professional if you dont have the skills, or knowledge or are not in the condition to perform the repair safely. You dont want to take your carburetor apart if you dont have to. Do a few troubleshooting steps to isolate your problem with the carburetor. First, make sure you are getting fuel to the carburetor, remove the air filter from the air filter housing. Spray carburetor cleaner into the air intake. If your mower starts, runs well, and then shuts down, there is a good chance your carburetor needs to be cleaned, rebuilt, or replaced. Pliers Screwdriver Socket/ratchet set Carburetor needs to be cleaned, rebuilt, or replaced. Pliers Screwdriver Socket/ratchet set Carburetor needs to be cleaned, rebuilt, or replaced. Pliers Screwdriver Socket/ratchet set Carburetor needs to be cleaned, rebuilt, or replaced. disassembling when cleaning your carburetor. Its a good idea to pull out your cell phone and take several photos before and during the reassembly because you cant remember where a certain part attaches. Good mechanics do use photos for reference. Stop fuel from flowing through your zero-turn. Do this by using the fuel shut-off valve located at the bottom of your fuel tank. You can also use some hose pinch-off pliers to crimp the fuel line and stop the flow. Detach the throttle and choke cables from your zero-turns carburetor. Remove the hardware attaching your carburetor to the air filter housing so it is no longer attached. Take the springs off the carburetor. Do this slowly as you dont want to stretched, you will need to replace them. You may have to twist the carburetor from the engine block. There is a gasket located between these items. If you tear the gasket, you will need to replace it with a new one. The bowl is located on the bottom of your carburetor. This is the area that stores a little bit of fuel so have a rag ready to soak up any fuel remaining in the bowl. Remove the screw located at the bottom of the bowl and remove the bowl. You will find a gasket, that looks like a rubber band, located between the bowl and the carburetor. Be careful not to get any carburetor cleaner or other solution on this gasket or you will have to install a new one. There is a stem that hangs down from the center of your carburetor. Use a flashlight to locate the holes in the stem. These holes can become clogged from old fuel. Take a thick piece of wire and slide it through these holes to unclog them. Check all your carburetor cleaner and a clean rag. Make sure your float and needle move freely. You wont be able to get all the crusty material out of your carburetor. Just remove as much as you can. Once you have finished cleaning your zero-turn mowers carburetor and made sure all of the components are in good working order, it is time to reassemble it. Complete the steps in the reverse order you took it apart. Use the photos you took during the disassembly process for reference. Are you still having problems after cleaning your carburetor? You may need to rebuild or replace it if you are definitely sure your problem lies with the carburetor. Not confident your zero-turn. You can also take your mower to your local lawn mower repair shop to be diagnosed. This may be the best option if youve just been throwing parts at your mower hoping it will fix it. This can get quite expensive. To minimize the effects of running old gasoline through your gas-powered zero-turn mower, always use fresh gasoline with a fuel additive to stabilize it. Using an additive like Sea Foam Motor Treatment is safe for your mower. It not only stabilizes the fuel, but it also reduces moisture and cleans the fuel system. Read more about why I prefer using Sea Foam here. JOHN DEERE AG & TURF DIVISION M166319 H2 John Deere EZtrak OMM166319 H2 OPERATORS MANUAL North American Version Printed in U.S.A.INTRODUCTION c WARNING: The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Introduction Thank You for Purchasing a John Deere Product We appreciate having you as a customer and wish you many years of safe and satisfied use of your machine. California Proposition 65 Warning Using Your Operators Manual This manual is an important part of your machine and should remain with the machine when you sell it.PRODUCT IDENTIFICATION DEALER NAME: DEALER PHONE: B A MX50271 Product Identification Number (A): Transaxle Serial Numbers (B): S/N tag on forward side of each transaxle housing.SAFETY LABELS Safety Label Location Safety Labels B A C E D MX51445 DANGER identifies the most serious hazards. The operators manual also explains any Engine Serial Number: On engine valve cover(s). potential safety hazards whenever necessary in special safety messages that are identified with the word, CAUTION, and the safety-alert symbol. Picture Note: Z235 model shown. SAFETY LABELS Label M167706 Avoid Injury Remove key CAUTION Avoid equipment fires. Accumulation of grass, leaves and other debris on or near hot or moving parts can cause a fire. Inspect machine before, during and after use. Shut off engine and allow machine to cool before cleaning. For clean-out locations refer to service label. WARNING To avoid injury from loaded spring M146577 To avoid injury from loaded spring machine to cool before cleaning. Sulfuric acid can cause blindness or severe burns. Flush eyes immediately with water. Get medical help fast. Keep out of reach of children. Do not tip. Do not open battery! DANGER M128699 Picture Note: This label is required and installed on machines sold in California. This label may also be installed on machines sold in other locations. SAFETY LABELS DANGER M162849 Prevent Equipment Fires M162849 M165708 Make sure that children stay clear of mower at all times when the engine is running. Clean and inspect the entire machine. Stay a safe distance from the machine. Carefully read Operators Manual Machine Cleanout section for details. WARNING M162849 Avoid Injury From Getting Blades M160860 M16080 M160860 M16080 M160 observe the following safety instructions could result in serious injury or death. M118041 Do not put hands or feet under or into mower when engine is running. Do not operate mower blades. Inspect machine before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before using, always visually inspect to see that the blades, blade bolts and the mower can cause loss of traction and loss of control on slopes. Reduce towed weight when operating on slopes. Never allow objects to be thrown utdoors and provide adequate ventilation. Clean up spilled fuel immediately. If fuel is spilled on clothing, change clothing away from the area of spillage. Avoid creating any source of ignition until fuel vapors have dissipated. explode: Do not smoke or have open flame near battery. Wear eye protection and gloves. Never check battery to 16C (60F). 1. Remove and discard the red positive (+) protective cap from the positive (+) Mower Deck Lift Lever L Throttle/Choke Control Lever F Mower Deck Lift Pedal (If Equipped) G Right Motion Controls - 150PERATING Adjusting Seat Operating Checklist Test safety systems. Check fuel level. (See SERVICE MISCELLANEOUS section, Using A Proper Fuel and Stabilizer) Check engine oil level. Remove grass and debris from engine compartment and muffler area, and on top of mower deck, before and after operating machine. Clean air intake screen. Check area below machine for leaks. MX51837 Avoid Damage to Plastic and Painted Surfaces 1. Tip seat forward.OPERATING A B A MIF MX50270 2. Pull upward on mower deck lift Adjusting Mower Wheels D c CAUTION: Avoid injury! Rotating blades are dangerous. Before adjusting or servicing mower: Disconnect spark plug wire(s) or battery negative (-) cable to prevent engine from starting accidently. Always wear gloves when handling mower blades or working near blades. MX4896a a. Turn right blade (D) so blade tip points straight forward.OPERATING Testing Safety Systems 5. Try to start engine cranks, there is a problem with your safety interlock circuit. Testing Safety interlock circuit. Testin engine speed. d.Engage mower. e.Raise up off seat. Do not get off machine. Result: Engine and mower blades should stop.OPERATING Using Park Brake c Using the Motion Control Levers c CAUTION: Avoid injury! Children or bystanders may attempt to move or operate an unattended machine. Always lock the park brake and remove the key before the machine unattended. Setting Park Brake 1. Raise park brake lever to lock park brake lever to lock park brake. CAUTION: Avoid injury! Learn use of the machine.OPERATING Neutral Position smoothly, slowly move the levers toward neutral. Reverse Travel C D B B MX51452 Machine speed, motion, and direction can be controlled when the engine is running, motion control levers are in the neutral position. 1.OPERATING C D D C MX51456 MX51458 2. To turn sharply to the left, push right control lever (C) forward and pull right control lever (D) f monoxide and can cause serious illness or death.OPERATING Engaging Mower c IMPORTANT: Avoid damage! Transmission damage may occur if the machine is towed or moved incorrectly: Move machine by hand only. CAUTION: Avoid injury! Clear mowing area of all bystanders when operating this machine. Thrown objects could cause serious injury or death. Keep hands and feet away from blades and discharge opening. Do not mow in reverse unless absolutely necessary. Do not use another vehicle to move machine. OFERATING Unplugging Mower, Bagger, or Material Collection System 5. Start engine. 6. Run at full throttle. 7. Engage mower blades. c 8. Flush water under deck for approximately one minute. CAUTION: Avoid injury! Do not attempt to unplug 9. Disengage mower blades, attachment with machine running. 10. Stop engine. Rotating blades are dangerous. Shut off the engine and remove the key before getting off the seat to inspect the machine and attachment. 11. SERVICE INTERVALS Mowing Tips Mow grass with throttle lever in the full fast / mow position. Mow grass when it is dry. Keep mower deck and discharge chute clean. Mow with sharp blades. A Properly level mower deck for a smooth cut. Mow grass frequently. Use a travel speed that fits the conditions: Mow tall or wet grass twice. Cut grass at half desired height then cut at desired height. A Travel slow when mowing tall or thick grass. SERVICE LUBRICATION Every 50 Hours or Annually 42C Mower Deck Change engine oil. Change engine oil filter. Lubricate mower belt. Sharpen / replace mower blades. Clean underside of deck. Check tire pressure. Clean engine cooling fins. MX43836 If there is debris that cannot be blown out, remove blower housing for complete cleaning. SERVICE ENGINE Avoid injury! To av injury! Engine exhaust fumes contain carbon monoxide and can cause serious illness or death. Do not run an engine is running. Move the machine to an outside area before running the engine. SERVICE ENGINE IMPORTANT: Avoid damage! Dirt and on can enter engine when checking oil level. Clean area around dipstick before loosening or removing. A A C B MX50272 3. Remove dipstick. 6. Check oil level on dipstick. Oil must be between ADD and FULL marks. 3. Clean area around dipstick (A) to prevent debris from falling into crankcase. 7. SERVICE ENGINE Cleaning Air Intake Screen and Engine Fins c C A B CAUTION: Avoid injury! Compressed air can cause debris to fly a long distance. Clear work area of bystanders. D Wear eye protection when using compressed air for cleaning purposes. C Reduce compressed air pressure to 210 kPa (30 psi). E IMPORTANT: Avoid damage! An obstructed air intake screen can cause engine damage due to overheating. SERVICE ENGINE IMPORTANT: Avoid damage! Dirt and debris can enter the engine through a damaged filter element. H Do not wash paper element. Do not attempt to clean paper element by tapping against another object. Do not vapors are explosive and flammable: Do not smoke while handling fuel. Keep fuel away from flames or sparks. Shut off engine before servicing. A Cool engine before servicing. Work in a well-ventilated area. Clean up spilled fuel immediately. NOTE: Change filter when fuel is low. MX51683 2. Disconnect spark plug wire (A) on each side of engine. 1. Park machine safely. (See Parking Safely in the SAFETY section). 2.SERVICE TRANSMISSION C B A C B C D A E MX51833 1. Locate rotating screen guard (A) at top of engine. b.Raise seat and disconnect wiring harness connector (C) from seat switch. c.Remove two L-pins (D) to remove seat. 2 on the free end of the deck height adjustment lock pin (A) as follows: NOTE: Tracking bolts, turn both bolts counterclockwise equal amounts until only one bolt contacts the lever. This will achieve maximum forward speed. If machine tracks to the left, turn tracking bolt (B) clockwise.SERVICE MOWER Removing and Installing Mower Deck Foot Plate D F I B F c C CAUTION: Avoid injury! Always operate the mower with the foot plate removed can cause serious injury. E Removing Foot Plate 1. Park machine safely in the SAFETY section.) A G A MX51687 B Picture Note: Components viewed from bottom. 3. Disconnect electric clutch wiring connector (A) from main wiring harness connector. SERVICE MOWER H B I J A C MX51442 MX51443 7. Remove lock pin, push handle to its lowest position (A) and install pin (B) just above lever to lock deck in lowered position. 5. Remove bolt (C) to remove foot plate. c CAUTION: Avoid injury! Component is released suddenly. K 6. Disconnect mower drive belt: MX51441 8.SERVICE MOWER E B F A G MX51440 MX51443 7. Remove locking clip (E), and remove stud end (F) from front draft bracket (G).. 4. Remove lock pin, push handle (A) to its lowest position. 5. Remove foot plate. c CAUTION: Avoid injury! Component is spring-assisted and under tension. Injury can occur if spring-assisted component is released suddenly. H Remove lock pin, push handle (A) to its lowest position and install pin (B) just above lever to lock deck in lowered position. MX51685 10. Connect mower drive belt: 7. Remove bolt (C) to remove foot plate. SERVICE MOWER NOTE: Left and right spindle sheaves are hidden by belt covers. Failure to seat belt properly on sheaves may result in belt replace as necessary. 10. Tighten sheave hardware to 47 Nm (35 lb-ft). 11. Make sure belt is properly seated on all sheaves, and install right and left belt shields. 6.SERVICE ELECTRICAL Checking for Bent Mower Blades c K CAUTION: Avoid injury! Blades are sharp. Always wear gloves when handling blades or working near blades. C Replace blades if defective. Never straighten or weld them. 1. Park machine safely. (See Parking Safely in the SAFETY section.) 2. Raise mower deck to highest position to access blades. B A MX37886 Picture Note: 42 inch deck shown. Loosen and remove nut (A), washer (B), and blade (C). 5. SERVICE ELECTRICAL c 3. Apply general purpose grease or silicone spray to terminals to help prevent corrosion. CAUTION: Avoid injury! The battery produces a flammable 4. Slide red cover over positive battery terminal. 5. Install battery compartment cover. and explosive gas. The battery may explode: 6. Lower operator seat. Do not smoke or have open flame near battery. Wear eye protection and gloves. Cleaning Battery and Terminals Do not allow direct metal contact across battery posts. 1.SERVICE MISCELLANEOUS IMPORTANT: Avoid damage! Electric charge from booster battery can damage machine components. Do not install negative booster cable to machine frame. Install only to the engine block. or environmental conditions and, over time, may affect your machines operation. Fill machine fuel tank at the end of the day. Filling Fuel Tank Install negative booster cable away from moving parts in the engine compartment, such as belts and fan blades. 4.SERVICE MISCELLANEOUS Checking Tire Pressure c CAUTION: Avoid injury! The machine fuel tank at the end of the day. Filling fuel tank at the end of the day. Filling Fuel Tank Install negative booster cable away from moving parts in the engine compartment, such as belts and fan blades. parts is possible when they are serviced incorrectly: G Do not attempt to mount a tire without the proper equipment and experience to perform the job. 5. Take wheel assembly with valve stem to the outside. 2. Tighten wheel nuts evenly in alternating sequence until snug. Cooling fins plugged. Loose electrical connections. Choke or throttle cable sticking. 3. Smooth out surface using an automotive polishing compound. TROUBLESHOOTING Electrical IF CHECK Patches Of Grass Uncut Travel speed too fast. Mower deck needs cleaning. Mower is engaged. Battery terminals are corroded. Belt Slipping Motion control levers not in Start/ Shutdown position. Blown fuse. Belt tension is incorrect. Too Much Vibration Debris on mower deck or in sheaves. Damaged drive belt. Defective key switch Damaged sheaves or sheaves out of alignment. STORAGE 6. Run engine for a few minutes to ated warranties stated in this manual refer only to emissionsrelated parts and components of your engine.WARRANTY is determined from the Warranty after 90 days from the date of purchase. Ignition System: Spark plugs. Magneto or electronic ignition system. THIS WARRANTY DOES NOT COVER Spark advance/retard system. A. Breakage of the container, cover, or terminals. Exhaust System: B. Depreciation or damage caused by lack of reasonable and necessary maintenance or by improper maintenance.INDEX Hourmeter, Using ..20 Index I Identification Numbers, Record .1 K A Air Cleaner Elements (Twin Cylinder), Checking and Cleaning . 20 Parts Catalog VarrantyRegistration.com. Completing the information, either online or with the product warranty card, will ensure the customer that their product information. ABPage 30 riginal Instruction All information, illustrations and specifications in this manual are based on the latest information at the time of publication. The right is reserved to make changes at any time without notice. COPYRIGHT 2012 Deere & Co. John Deere Worldwide Commercial and Consumer Equipment DivisionAll rights reserved Previous Editions COPYRIGHT 2009, 2010, 2011c WARNING: The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. California Proposition 65 WarningIntroduction - 1INTRODUCTIONIntroduction Thank You for Purchasing a John Deere ProductWe appreciate having you as a customer and wish you many years of safe and satisfied use of your machine. Using Your Operators ManualThis manual is an important part of your machine and should remain with the machine when you sell it. Reading your operators manual will provide the operator with the safest and most effective use of the machine. Knowing how to operate this machine safely and correctly will allow you to train others who may operate this machine may also be available in other languages (see your authorized dealer to order). Sections in your operate this machine may also be available in other languages (see your authorized dealer to order). the controls so you can operate this machine safely. You can also use this manual to answer any specific operating or servicing questions. The machine shown in this manual may differ slightly from your machine, but will be similar enough to help you understand our instructions. RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line (-----), the item referred to is hidden from view. Before delivery inspection to ensure best performance. Special Messages Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information carefully to avoid injury and machine damage. NOTE: General information is given throughout the manual that may help the operator in the operato (130001-) If you need to contact an Authorized Service Center for information on servicing, always provide the product model and identification numbers. You will need to locate the model and record the information in the spaces provided below. DATE OF c CAUTION: Avoid injury! This symbol and text highlight potential hazards or death to the operator or bystanders that may occur if the hazards or procedures are ignored. IMPORTANT: Avoid damage! This text is used to tell the operator of actions or conditions that might result in damage to the objects:M139128 Keep hands and feet away from rotating blades. Keep bystanders a safe distance away. Do not operate mower without discharge chute or entire grass catcher in place.DANGERM118610ROTATING BLADE Do not put hands or feet under or into mower when engine is running.Warning M159705M159705Picture Note: This label is required and installed on machines sold in California. This label may also be installed on machines sold in other locations. Operation of This Equipment May Create Sparks that Can Start Fires Around Dry Vegetation. A Spark Arrestor May be Required. The Operator Should Contact Local Fire Agencies For Laws or Regulations Relating to Fire Prevention Requirements.WARNING M162849M162849 This operators manual contains important information necessary for safe machine operation. Carefully read operators manual before operation machine operation machine operation. lift pedal before changing attachment. Read operators manual before changing attachment. Page 6Safety Labels - 4SAFETY LABELSLabel M167706 Avoid InjuryM167706DANGERROTATING BLADES CUT OFF ARMS AND LEGS Do not mow when children or others are around. Do not mow in reverse. Look down and behind before and while backing. Never carry children even while blades are off. WARNINGAVOID SERIOUS INJURY OR DEATH Drive across slopes, not up and down. Avoid sudden turns, If machine stops going uphill, stop blade and working. Remove objects that can be thrown by blade. When leaving machine: Stop engine Set park brake Remove keyCAUTIONAvoid equipment fires. Accumulation of grass, leaves and other debris on or near hot or moving parts can cause a fire. Inspect machine before, during and after use. Shut off engine and allow machine to cool before cleaning. For clean-out locations refer to service label.WARNINGTo avoid injury from loaded springM146577 To avoid injury from loaded spring, read operators manual before changing attachments.DANGER - M89504M89504ROTATING BLADE Do not put hands or feet under or into mower when engine is running.THROWN OBJECTS Before mowing, clear area of objects that may be thrown by blade. Do not operate mower without discharge chute or entire grass catcher in place. DANGER GY20982GY20982Picture Note: Located on battery. Shield eyes. Explosive gases can cause blindness or injury. No sparks, flames, smoking. Page 7Service Record - 55SERVICE RECORD Home Blog Lawn Mowers How to Clean a John Deere Lawn Mower Carburetor: Step-By-Step It is common for a carburetor to become dirty from the fuel additives can develop a gummy substance that can clog components in your mower. Ethanol and other fuel additives can develop a gummy substance that can clog components, you should be able to tackle cleaning your carburetor. If not, have your local lawn mower repair shop clean it for you. When your carburetor is acting up, you will notice these symptoms due to your mower running with the incorrect fuel-to-air mixture or having a blockage: Mower wont start Mower starts and then dies Backfires from running lean Engine is sputtering and running rough Engine is surging Engine is consuming too much fuel This post may include affiliate links. Purchases made through these links may provide a commission for us, at no extra cost to you. As an Amazon Associate, we earn from qualifying purchases. Follow all safety instructions provided in your equipment operators manual before diagnosing, repairing, or operating. Consult a professional if you dont have the skills, or knowledge or are not in the condition to perform the repair safely. First, identify if you need to take your carburetor apart for cleaning. Do this by removing your air filter from the air filter housing. Spray carburetor cleaner into the air intake and start your engine. If your mower starts and then shuts down, you must take apart your carburetor and clean it. Pliers Screwdriver Socket/ratchet set Carburetor on your John Deere mower. These days, most people have a cellphone with a camera on them. Use the camera to take photos of your carburetor to document the steps you performed to take apart your carburetor to make sure all the parts get installed in the right places. You don't want to be left with any extra pieces or get the installation wrong. Use your fuel shut-off valve to stop fuel flow. Remove the fuel line from the carburetor. If your John Deere has a throttle and choke cable, remove it. Remove the springs. Be careful to not stretch out the springs. You may have to twist the carburetor a bit to get the springs to come off. There is a gasket located between the engine block and the carburetor that you need to not tear. If you do, youll have to purchase a new gasket. The carburetor bowl stores a little gasoline inside your carburetor. Youll find the bowl at the bottom of your carburetor held on by a screw. Clean around the outside of your carburetor bowl before removing the screw from the bowl. Have a rag available to catch any remaining gas in the bowl. When you remove the bowl and the carburetor cleaner or any other substance on the o-ring. You wont be able to reuse the gasket if it stretches because of this substance. There is a little piece that hangs down from the center of your John Deeres carburetor. This is known as the stem will not draw fuel up to the jet. Use a flashlight to better see the holes in the stem. Clean the holes with a thick wire to unplug the holes. Check out the carburetor and its parts for a white crusty material as possible using carburetor cleaner. It is almost impossible to remove all the crusty deposits. Once you have cleaned your carburetor and ensured the float and float needle are moving freely, its time to reassemble it. Reference the photos you took earlier when putting your carburetor including the springs, filter housing, throttle, and choke cables (if the mower uses them), and the fuel line. Start your fuel additive, like Sea Foam Motor Treatment, in your fuel additive, like Sea Foam Motor Treatment, like Sea Foam Motor Trea about the advantages of Sea Foam here. If cleaning does not work because your John Deere carburetor is corroded or has damaged parts, it may be your engine model and spec number available when ordering your new carburetor from your local engine dealer or online. A carburetor rebuild kit to repair your carburetor may be available from your local John Deere dealership if you choose to rebuild kit in comparison to a new carburetor. You may be surprised to find there may not be a significant price difference. A dirty or bad carburetor can be a cause of your John Deere mower not starting, quitting after starting, and leaking fuel. There are many other items that can cause these problems. To find out more about these causes and how to solve them, check out the links below.