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As the weather gets warmer and we start to prepare our farms for spring 2023, you're considering upgrading your current equipment or finally buying that new John Deere STX38 tractor or lawnmower you've been eyeing. You want to ensure that whatever new machine you get is of good quality and will help make your work easier. To help narrow down the dozens of options available, look at this review of the best John Deere STX38 reviews. We'll go over the features, specs, performance capability, and more so that you can be sure that you're making the best investment in time-saving labor come next season! Take Away Key Points: The John Deere STX38 is a powerful and reliable lawn tractor that offers an impressive range of features. It has a powerful engine with 12 HP and a hydrostatic transmission system, making it easy to maneuver and control on any terrain. It also has a 38-inch cutting width, allowing you to quickly mow large areas or get into tight spaces. Additionally, the STX38 offers a range of attachments for different tasks, like aerating and tilling. The garden tractor is one of the most budget-friendly options, so you can get a powerful machine without spending too much. John Deere STX38 first came into the scene as an upgraded version of the STX30 tractor. This incredible machine offered a variety of features, attachments, and reliable performance. However, it was STX38's job to shine! It! The John Deere STX38 was built from 1988 to 1997 and was one of the most popular lawn tractors by John Deere. In 1994, Black Deck STX's replaced the yellow deck models. The black deck lawn mower was eco-friendly compared to the yellow deck version. The John Deere lawn tractor is powered by a Kohler CV12.5-1215 gasoline engine which delivers reliable performance and a power output of 12.5 HP. Additionally, the upgraded black deck version can be used with numerous attachments, including a bagger attachment that collects all the grass clippings. With the discharge chute, you can also mow and give back the nutrients to your lawn. The John Deere lawn mower is designed with comfort in mind. The operator's area is roomy, which helps reduce fatigue while mowing or working on other tasks. Source: Youtube.com John Deere STX38 Serial Numbers 1994: 210001 (black deck) 1995: 240001 (black deck) 1996: 270001 (black deck) 1997: 290001 (black deck) 1997: 270001 (Motorsport) 1997: 290001 (Motorsport) The John Deere STX38 is powered by a powerful Kohler CV12.5-1215 gasoline engine which delivers reliable performance and a power output of 12.5 HP. This single-cylinder engine features a displacement of 398cc, a bore/stroke size of 3.425x2.638 inches, and a compression ratio of 8.5:1. Compared to the previous JD STX30 lawn tractor, this one offers a more powerful engine and an overall excellent performance. The engine requires little maintenance and service. Engine Specs EngineKohler CV12.5 gasoline, air-cooled vertical-shaftNumber of cylinders1-cylinderDisplacement398 ccBore/Stroke3.425x2.638 inchesPower12.5 HPCompression8.5:1Rated RPM3600Starter volts120L Capacity1.9 L Source: Youtube.com The John Deere STX38 lawn tractor is equipped with a Dana 4360 belt-driven gear transmission, a reliable and durable system that allows for 5 forward and 1 reverse speed options. The transmission features 4.360TypeBelt-driven gearNumber of gears5 forward and 1 reverseOil chagealed unit. service is not efficiently. It also features an oil-sealed unit, so service is not recommended. Additionally, the lawn tractor has an optional hydrostatic transmission that allows you to switch infinite gears! Transmission specs: Transmission modelDana 4360TypeBelt-driven gearNumber of gears5 forward and 1 reverseOil chagealed unit. service is not recommended. Source: Youtube.com The mower deck of the lawn tractor has a cutting width of 38 inches. However, due to the discharge chute on the side, the size is significantly smaller and measures only 10 inches. The mower deck can also mow so that you can turn all the grass clippings into nutritious fertilizer for the ground. The John Deere STX38 lawn tractor is a versatile machine that can be used with several attachments, such as a grass bagger, snow throwers, a dethatcher, and a sprayer. The attachments make the STX38 even more beneficial for yard care. The grass bagger attachment helps keep the lawn tidy by gathering grass clippings while mowing and making disposal much easier. Snow throwers are ideal attachments since they help expedite the time-consuming work of snow removal during the winter. The garden tractor also features an additional headlight kit, powerful front blades, and utility carts. Additionally, springtime brings the opportunity to use attachments like dethatchers which promote healthy turf growth by pulling shallow-rooted thatch from the lawn while aerating soil at the same time. Lastly, sprayers can apply fertilizer or herbicides over larger areas at once. All of these attachments feature different purposes, but all are beneficial for keeping your lawn maintaining its good looks and health. Wheelbase44.69 inchesLength60 inchesWidth52 inchesHeight38.6 inchesWeight433 lbs The John Deere STX38 lawn tractor is ideal for lawn and garden owners with medium-sized plots. The compact size of this tractor allows owners to comfortably maneuver their yards while still being able to perform multiple tasks such as mowing, tilling, and snow removal quickly and efficiently. The ergonomic design of the seat and steering wheel makes operation comfortable for operators, while the various speed settings provide suitability for different types of jobs. In addition, its heavy-duty construction means it can run at higher speeds than its competitors. This makes it great for efficiently tackling larger projects around your garden or yard. Finally, it also comes with an adequate lighting system kit that enables you to work safely in any light condition. All these features make the John Deere STX38 lawn tractor an excellent choice for medium-sized properties! The front tires on a ride-on mower are 13 inches wide and 6 inches thick, while the rear ones measure 18x8 inches. John Deere 4840 Reviews: Is It Worth Investing in This Model? One of the issues that users of the John Deere STX38 lawn tractor should prepare for is a common steering issue. It may become difficult to keep the tractor pointed in a straight path, and this difficulty can increase as the speed of the machine increases. This can easily be attributed to aging parts like worn-out tie rods that need to be replaced. Other issues that users tend to face are belts wearing down or slipping after extended use, issues with keeping the tractor running, and starting issues. While these issues can be fixed relatively easily with some proper maintenance and replacements of parts, they are issues users should be aware of when buying a used John Deere STX38 lawn tractor. John Deere STX38 was made in 1988 and finished production in 1997. You will need two quarts of high-quality detergent oil rated API service class SG, SH, SJ, and an SAE grade of 10W-30 when temperatures are above freezing (32 degrees Fahrenheit). If the temperature falls below 32 F, you will need a 5W-20 or 5W-30 grade oil. The STX38 is a good machine and a powerful garden mower for accomplishing basic gardening tasks. The John Deere STX38 black deck lawn mower can mow and perform mulching, so it's versatile for the price! The cost of the model is budget-friendly, but you can get the lawn mower tractor for under \$2,500 at a local dealer. The current price of the John Deere STX38 lawn mower tractor is \$2,350. The John Deere STX38 lawn mower tractors take 2 quarts of high-quality detergent oil. Here are some steps to help you change the oil on your John Deere STX38 lawn mower tractor. 1. Park the tractor on flat ground and allow it to cool for at least 15 minutes. 2. Drain the oil by removing the drain plug from the sump. 3. Replace the drain plug and fill the sump with two quarts of the oil recommended by the manufacturer. 4. Replace the oil filter and secure it using a new copper washer. 5. Start the tractor engine and let it run for a while to ensure that the oil is circulating throughout the engine. 6. Turn off the engine and add more oil if necessary. The John Deere STX38 requires one SP12-35 NB (12 V 35 AH) battery. If you are looking for a versatile, powerful, and reliable garden tractor that is also budget-friendly, then the John Deere STX38 is perfect. You can get your gardening tasks done quickly and easily with its many features and benefits. So why wait? Get your very own John Deere STX38 today! John Deere STX38 Lawn Tractor Parts 38 Mower Deck (Yellow Deck) Quick Reference Guide. Click the part number below to view and order John Deere STX38 Lawn Tractor Parts 38 Mower Deck (Yellow Deck), or search illustrated diagrams to determine the part you need. M74747 Tractor Drive Gear Belt 1 M88184 Primary Mower Belt 1 M82462 Secondary Mower Belt 1 Order John Deere Lawn Tractor Parts Online. Same Day & Flat Rate Shipping! A Complete Listing Of All John Deere Lawn Tractor Parts Is Available Using Illustrated Diagrams This quick parts reference guide will provide you with the most common John Deere STX38 Lawn Tractor Parts 38 Mower Deck (Yellow Deck). These John Deere Lawn Tractor Parts may include: Tune Up Kit, Spark Plug, Mower Blades, Traction Drive Belt, Transmission Belt, Mower Drive Belt, Battery, and Air Filters. If you need help finding John Deere Lawn Tractor Parts Search Using Weingartz Illustrated Diagrams to view an illustrated diagram or call us at 1-855-669-7278. Visit our YouTube channel to view How To, Do It Yourself Repair, and Buyer Guide Videos. We have videos to help you replace your John Deere STX38 Lawn Tractor Parts 38 Mower Deck (Yellow Deck) including: a spark plug, a blade, an air filter, an oil filter, a battery, lubricate drive system, lubricated cables, and more. My STX 38 would not start without priming the carburetor if it had not run in a while. Also, the engine would not rotate when the key was placed in the start position. It had been an intermittent problem that became a solid failure when I uncovered it from its winter nap a few day ago. My mechanically talented nephew was visiting from Florida and I had him take a look at the problems. The priming problem was fixed by applying some oil to the pivot points when he discovered that the choke butterfly valve was not closing properly. Then we discovered that the dead battery would not take a charge until we applied a jumper from my tractor to fake out the charger. Once we had the battery charged, he removed and disassembled the start solenoid. He cleaned the contacts of the solenoid and reassembled the unit. We also cleaned the battery cables and terminals. We started it and checked the output of the alternator to make sure that we had charging voltage. We then did about twenty minutes of test mowing before shutting it down. After letting it cool down, it started right up. I put the charger on it overnight to make sure that it had a good charge. I let the mower set for a few days to see if the old battery would hold a charge and to see if it would start just using the choke function. It fired right up on the first try! I used WE a lot in this post.....I merely stood by, handed tools and made sure that his coffee cup was refilled as required. The John Deere STX38 is a 2WD lawn tractor mower from the John Deere STX series. It replaced the John Deere STX30 model and came to the market with a bigger frame and more powerful engine. This popular riding mower has two versions; John Deere STX38 yellow-deck and John Deere STX38 black-deck. The original STX38 yellow-deck version was manufactured from 1988 to 1993. And the later version STX38 black-deck was manufactured from 1994 to 1997. The John Deere STX38 yellow-deck mower has more features than the later black-deck version. It is powered by a 0.4 L single-cylinder gasoline engine. This model provides a belt-driven gear type transmission system with 5 forward and 1 reverse gear. It also includes an optional kit (AM107293) to add headlights to the tractor mower. The John Deere STX38 black-deck version is more economic with fewer features than its previous yellow-deck version. It is equipped with a 13HP Kohler 398cc 1-cyl gasoline engine, 4x2 2WD chassis, mechanical disc brakes, and 5-speed gear. This article includes the specifications, features, price, and other information about the John Deere STX38 black-deck mower. If you are interested in this useful garden mower, read below about the John Deere STX38 black-deck tractor mower. The John Deere STX38 is a popular model of garden tractor mower. It provides great features like a powerful engine, a controlled transmission system, useful attachments, etc. Here are the key features of this model. John Deere STX38 has a natural-aspirated one-cylinder engine. It was manufactured by Kohler Corporation and the engine runs efficiently on approximately 2 quarts of oil. It pulls atmospheric pressure to produce combustion air. The engine rotates at 3,350 RPM and is fuelled by Gasoline. This 12.5-horsepower engine utilizes paper and foam air cleaners. In John Deere STX38, the power transmission from the engine to the wheels is conducted in 2 ways. In the first method, the transmission provides the tractor 5 gears speed for forwarding and 1 gear speed for reversing. The second method is the hydrostatic transmission system. It gives the JD STX38 mower infinite gears to move forward and an automatic power to reverse. The mower can move at approximately 5 mph at gear five. There are several attachments available with the John Deere STX38 lawn tractor. The attachments in John Deere STX38 are hooked up to the tractor by a hitch located at its rear. The main attachments of this mower are a grass storing bag, a snow thrower, and a dethatcher. The snow thrower is used to clean paths on the lawn during snowfall. And the dethatcher picks up grass clippings leftover from mowing the lawn. John Deere also includes mounted sprayers to spray water onto the grass behind the mower. The sprayer is hooked up to the mower. John Deere STX38 has a mowing deck of 38-inch cutting width. It can cut up to 38 inches of grass at one go. John Deere STX38 operates on one battery of 12 volts and 200 cold-cranking amps. The battery measures the amount of power a battery has at 0 degrees Fahrenheit. It is a good quality reliable Lawn Mower with a powerful Kohler engine. It is provided with a dual bladed deck that finely cuts grass. The mower can lift some pretty heavy loads. Two 38" decks with sharp blades give a quality cut and have an excellent drive system. The blades are attached to a belt-driven gear type transmission system with 5 forward and 1 reverse gear. The deck is hard to take off and on. The driver seat doesn't include a safety belt. Parts are not readily available if there is a need for replacement. The original Price of the John Deere STX38 was \$2,000 to \$2,500 depending on its version. available attachments, transmission system, etc. The serial number of John Deere STX38 is marked on the lower rear of the mower near the drawbar. Year Serial Number 1994 210001 (STX38 black deck) 1995 240001 (STX38 black deck) 1996 270001 (STX38 black deck) 1997 290001 (STX38 black deck) 1996 270001 (STX38 Motorsport) 1997 290001 (STX38 Motorsport) John Deere STX30 Black-deck was manufactured from 1994 to 1997. This popular tractor mower replaced the original John Deere STX38 yellow-deck model. This is an incredibly popular lawn tractor that gets power from a Kohler CV12.5-1215 gasoline engine. It is a powerful air-cooled engine pumping out 12.5 hp. The mower also has a transmission system with 5 forward and 1 reverse gear. John Deere STX30 Black-deck provides many useful attachments that make your garden time amazing. This article describes useful information about this popular mower. And hopefully, it will be helpful for you to know this garden asset in a better way. Jun 13, 2017 / STX38 Hood Repairs Hi Folks. I recently purchased a model STX38 (black deck) lawn tractor and the plastic hood has a few cracks, which I understand is not uncommon. Has anyone ever repaired or reinforced these hoods from the backside using fibreglass resin, or perhaps epoxy? If anyone knows of another way to repair and reinforce these hoods, I would certainly be interested in learning about it. Thanks a ton :smile: Jun 14, 2017 / STX38 Hood Repairs Look up plastic welding under auto repairers in the yellow pages. Bone properly it will be better than new. Botched using the wrong materials it will be unable to be repaired. Jun 16, 2017 / STX38 Hood Repairs I read on another forum, where a fellow said that he had success with epoxy. What do you folks think about that? Jun 16, 2017 / STX38 Hood Repairs I have never found a good way to repair plastic and had it look good. So I just use metal patches on the bottom side with screws and nuts or pop rivets. Other than that see if you find a good used hood, maybe E-Bay. I am in the proses of replacing a hood on a JD345 now and ordered a new upper, lower hood, grill, and decals from the local John Deere dealer. Jun 16, 2017 / STX38 Hood Repairs What I'm dealing with, at this point is several smaller cracks that I hope to be able to fix from the inside of the hood and two that I will have to fix from the outside. I'm more concerned with reinforcement and repair to stop the cracks from getting worse. Jun 16, 2017 / STX38 Hood Repairs What I'm dealing with, at this point is several smaller cracks that I hope to be able to fix from the inside of the hood and two that I will have to fix from the outside. I'm more concerned with reinforcement and repair to stop the cracks from getting worse. Drill a small hole at the end of the crack will help to stop the crack from growing. The problem with plastic is as it ages it gets brittle. They do make plastic welding equipment. For the price to buy this equipment you can buy a new hood cheaper. You can buy a new hood for around 200 dollars. Some auto body shops can do this type of work for you also. If you are not fussy about how it looks just patch it with some tin and screws. You will find that fibreglass or epoxy just wouldn't stick to plastic very well, but who knows give it a try??? you have nothing to lose at this point. Jun 16, 2017 / STX38 Hood Repairs I have found some epoxy putty (J-B Weld) that looks promising. I'll try a small test on the underside and let you all know how I make out. Jun 17, 2017 / STX38 Hood Repairs I have found some epoxy putty (J-B Weld) that looks promising. I'll try a small test on the underside and let you all know how I make out. I use JB weld in my shop all the time and it is a good product. Just rough it up with sand paper promising. I'll try a small test and it will hold better that way. :thumbsup: Jul 4, 2017 / STX38 Hood Repairs Well I took a stab at repairing my hood today. I had one, four inch crack, two more about an inch long and of four mounting posts, one was broken right off and one was cracked at the base. All of the repairs were carried out on the inside of the hood and remain pretty much invisible from the outside. There's a product out there called QBond, which is supposed to be great for repair to thermoplastics, that uses a "special" powder and super glue. I tried a variation of the Q Bond, using baking soda and super glue in that same manner as folks use the QBond as I had read where baking soda and super glue work just as well. I weed out the three cracks and the repairs seem quite strong. I then applied JB Weld epoxy putty over the four inch crack, laying it over the whole thing, about an inch and a half wide. The broken off post was super glued back in place beforehand and then the JB Weld was used on both posts to really build up all around them to make them much stronger than they were originally. It's too early to say for sure, but I think I have a good repair. By the way, I chose to use the water weld type of JB Weld epoxy putty, because it's much stronger than the regular type. Page 2 You are using an out of date browser. It may not display this or other websites correctly.You should upgrade or use an alternative browser. Thread starter Blue Hill Start date Feb 25, 2012 Feb 25, 2012 / STX 38 Hydro Question I have a question for a different STX 38. It is a Hydro with a black deck. It had sat out all last summer and most of the fall. I have gotten it running well. The only problem is when I push or pull the hydro. It is going forward pretty well, but pulling it into reverse is extremely hard. Is there something I can do to remedy this? Anywhere to grease? Any input is again appreciated! (I have three of these and am trying to get them all fixed) Feb 26, 2012 / STX 38 Hydro Question If the hydro lever is moving hard there could be rust on the linkage causing problems, or if the lever moves freely then there could be air in the hydro and will need to be bled out. Raise rear wheels off ground and start engine and move lever from forward and reverse to bleed the air. Feb 27, 2012 / STX 38 Hydro Question Thanks! I got it. Took the tire off and squirted a little WD on the linkage. Ran it a little bit and it came loose... I am pretty relieved... You must log in or register to reply here. Sep 24, 2019 / STX38 loses power when mower engaged. Went and looked at JD I saw on CL. Starts and purrs like a kitten, but when I engage the mower it stumbles badly and stalls when cold. After it warms up, it bit, it would remain running...hardly. The seller says the engine is "weak". I noticed that when I open the throttle, the revs don't climb much. Could this be something as simple as a throttle/carb problem? I took a video of it that I will attempt to load. Last edited: Sep 24, 2019 Sep 24, 2019 / STX38 loses power when mower engaged. These were good little tractors. I have 2 of them myself and am curious to see what is happening with this one. These engines have hydraulic lifters so I am thinking maybe a blown head gasket. I am interested in seeing the video when you get a chance to post it. Will Sep 24, 2019 / STX38 loses power when mower engaged. [video] Sep 24, 2019 / STX38 loses power when mower engaged. Also going to look at an LT155. Runs well. How does this model compare to the STX38? Sep 25, 2019 / STX38 loses power when mower engaged. Also going to look at an LT155. Runs well. How does this model compare to the STX38? I couldnt get the link to load. It said it was expired. But here is some info on the STX versus the LT that I have learned over the years working at the dealership. The STX38 was a tough mower for it's size back in the day. The yellow deck version only came in 5 speed, but the black deck version came in hydro or 5 speed manual. The hydro was known to be pretty much bullet proof. The yellow deck had better bearings than the black deck. I would put the black deck close in quality to the LT deck in terms of needing to replace bearings. For example, my STX30 still has all it's factory bearings and is running fine. In my honest opinion, the STX is a much better built machine all the way around versus the LT155. The 155 was not junk however. They have the good Kohler engine. But if I had the choice between a hydro STX and a hydro LT, I would pick the STX. If I had the choice between a 5 speed STX and a 5 speed LT133, I would still pick the STX. I always felt as a technician that the LT155 was cheaper built all the way around versus the STX. The hydro in the LT would typically not last as long as the hydro in the STX. The STX had electric PTO versus the manual PTO on the LT. The steering on the LT was castor built. As long as you keep the front axle spindles greased really good on an STX, you will probably never have any steering issues. The weak link in the steering on an STX was the green plastic section below the dash that houses the steering. It was known to break if stressed too much. That was fixed by the black plastic section that replaced the green one. The black section had better reinforcement in it. So as long as you kept your front end greased, it would probably never break the black housing. But.....since both of those machines now have alot of age, I would still rather have an STX than an LT. That is just my opinion from being a tech here at the dealership for 21 years. Last edited by a moderator: Sep 25, 2019 Sep 25, 2019 / STX38 loses power when mower engaged. You couldn't get the Facebook link to load? Sep 25, 2019 / STX38 loses power when mower engaged. Wonder if I can send a pm? Sep 27, 2019 / STX38 loses power when mower engaged. Ended up buying the Craftsman LT1000 I looked at. Thanks for your help. You are using an out of date browser. It may not display this or other websites correctly.You should upgrade or use an alternative browser. Thread starter bigman Start date Oct 5, 2014 Common sense goes a long ways when maintaining your machine. If you have extreme heat, dust, or terrain that you operate in you, service frequency will need to increase. While your John Deere machine is certainly built with quality parts, you have a limited life. Good news is you can easily service your machine yourself using a John Deere maintenance kit or service kits or by getting the specific John Deere part needed to keep your John Deere mower or tractor running for a long time. These are the parts on your John Deere STX38 Lawn Tractor & Parts List that need to be regularly serviced. Outside of the schedule service intervals, you may need a part for a quick repair. While this is not an inclusive list of all the parts for a John Deere STX38 Lawn Tractor & Parts List, these are the typical parts that we see purchased for your model. Part Price Seat cover TY24331 Seat cushion kit TY15738 Complete seat TY15861 OE seat AM106109 Seat cover (high back) TY24334 Seat cushion kit (high back) TY15740 Complete seat (high back) TY15863 OE seat (high back) AM105898 STARTER MOTOR REMAN Starter AM13218 AM13218 SE501945 STARTER MOTOR REMAN Starter AM132702 AM132702 SE501945 CAGE WHEEL M111499 MUFFLER AM19635 MUFFLER GASKET M9265 IGNITION SWITCH FCA22740 SEAT SWITCH AM103119 SPARK ARRESTOR AM103386 THE ROD AM104911 HEADLIGHT BULB AM106153 HEADLIGHT SWITCH AM117324 BRAKE SWITCH AM119978 KEY AM131941 PTO SWITCH AUC10632 SPARK PLUG M78543 HOME MAINTENANCE KIT LC192 FILTER, TRANSMISSION (Black Deck) HYDRO MIU800957 FILTER, AIR CONTAINING PAPER AND FOAM FILTERS GY20574 ENGINE OIL FILTER AM125424 FILTER, FUEL AM107314 KEY M92426 BELT - TRACTION DRIVE GEAR TRANSAXLE M74747 BELT - TRACTION DRIVE HYDRO TRANSAXLE M118760 BELT - MOWER DECK M125218 BLADE - MULCHING BLADE AM141040 KIT - BAGGING BLADE AM141041 KIT - SIDE DISCHARGE BLADE - STANDARDS AM411039 StrongBox,Dry,12V,BCI UN,CCA 300 AM121593 TY25878 Regardless of your John Deere model, these John Deere parts are used frequently in maintaining and your John Deere STX38 Lawn Tractor & Parts List and can be used around your garage. Apr 16, 2016 / STX38 electrical issues A friend has a STX38, the electric PTO clutch burned up on it and the engine would not even turn over. I removed the pto clutch and found it to be wasted. He bought one on Ebay that was said to be good. I installed it yesterday and now the motor won't do anything not even a click from the starter relay. Is there a way to check the PTO clutch to see if it is serviceable? Or could I simply jump the two wires that connect to it and see if the motor will turn over? At first I thought it was a bad battery so I charged it and still nothing from the engine or relay. I then tried to jump start the mower and nothing. I could really use some help on this one as I am stumped. Apr 16, 2016 / STX38 electrical issues 12 volts to the PTO to see if it engages. Apr 16, 2016 / STX38 electrical issues Most likely you have burned out the fuse or fusible link (light duty wire) or the power relay. I don't have service information for that mower. However power to the ignition switch generally comes from the battery terminal on the solenoid then to the PTO switch then to the PTO clutch. You can check the clutch bu connecting it directly to the battery. Run a light jumper wire from the battery + wire to one of the trigger terminals on the starter solenoid and another from earth to the other control terminal. Motor turns, you have an electrical problem. If you check for a fuse or fusible link and found nothing, Ran a jumper wire to the starter and it turned the motor over. Jumped the starter below the dash that houses the steering. It was known to break if stressed too much. That was fixed by the black plastic section that replaced the green one. The black section had better reinforcement in it. So as long as you kept your front end greased, it would probably never break the black housing. But.....since both of those machines now have alot of age, I would still rather have an STX than an LT. 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Good news is you can easily service your machine yourself using a John Deere maintenance kit or service kits or by getting the specific John Deere part needed to keep your John Deere mower or tractor running for a long time. These are the parts on your John Deere STX38 Lawn Tractor & Parts List that need to be regularly serviced. Outside of the schedule service intervals, you may need a part for a quick repair. While this is not an inclusive list of all the parts for a John Deere STX38 Lawn Tractor & Parts List, these are the typical parts that we see purchased for your model. 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