

JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM

THE IMPORTANCE OF A JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM

JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM ARE ESSENTIAL FOR ANYONE WORKING ON THE ELECTRICAL SYSTEM OF A JOHN DEERE TRACTOR OR OTHER EQUIPMENT THAT UTILIZES THIS SPECIFIC COMPONENT. UNDERSTANDING THIS DIAGRAM ENSURES CORRECT INSTALLATION, TROUBLESHOOTING, AND MAINTENANCE, PREVENTING POTENTIAL DAMAGE AND COSTLY REPAIRS. THIS COMPREHENSIVE GUIDE WILL DELVE INTO THE INTRICACIES OF THE 6-PRONG IGNITION SWITCH, BREAKING DOWN ITS FUNCTIONS, COMMON WIRING CONFIGURATIONS, AND THE CRITICAL ROLE OF THE WIRING DIAGRAM IN ITS OPERATION. WE WILL EXPLORE THE VARIOUS TERMINALS AND THEIR TYPICAL CONNECTIONS, PROVIDING CLARITY FOR BOTH NOVICE AND EXPERIENCED MECHANICS. WHETHER YOU'RE REPLACING A FAULTY SWITCH OR PERFORMING A CUSTOM ELECTRICAL MODIFICATION, HAVING A CLEAR UNDERSTANDING OF THE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM IS PARAMOUNT.

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UNDERSTANDING THE JOHN DEERE 6 PRONG IGNITION SWITCH

THE IGNITION SWITCH ON A JOHN DEERE VEHICLE IS THE CENTRAL HUB FOR CONTROLLING THE FLOW OF ELECTRICAL POWER TO VARIOUS SYSTEMS, MOST NOTABLY THE STARTING CIRCUIT AND THE ELECTRICAL ACCESSORIES. A 6-PRONG CONFIGURATION IS COMMON IN MANY JOHN DEERE MODELS AND SIGNIFIES A MORE COMPLEX SET OF FUNCTIONALITIES BEYOND A SIMPLE ON/OFF SWITCH. THESE SWITCHES ARE DESIGNED TO SEQUENTIALLY ENERGIZE DIFFERENT CIRCUITS, ENSURING THE ENGINE CAN START SAFELY AND THAT ACCESSORIES RECEIVE POWER WHEN INTENDED. THE PHYSICAL SWITCH ITSELF CONTAINS MULTIPLE ELECTRICAL CONTACTS THAT ARE ACTIVATED BY ROTATING THE KEY THROUGH DIFFERENT POSITIONS, TYPICALLY INCLUDING OFF, ACCESSORY, ON, AND START.

THE DESIGN OF THESE SWITCHES IS ROBUST, BUILT TO WITHSTAND THE DEMANDING ENVIRONMENT OF AGRICULTURAL AND CONSTRUCTION EQUIPMENT. HOWEVER, LIKE ANY ELECTRICAL COMPONENT, THEY CAN WEAR OUT OR FAIL OVER TIME DUE TO VIBRATION, MOISTURE, OR ELECTRICAL SURGES. RECOGNIZING THE SPECIFIC TYPE OF 6-PRONG SWITCH INSTALLED ON YOUR JOHN DEERE MACHINE IS THE FIRST STEP IN DIAGNOSING ANY ELECTRICAL ISSUES RELATED TO IGNITION. THE NUMBER OF PRONGS IS A DIRECT INDICATOR OF THE NUMBER OF DISTINCT ELECTRICAL CIRCUITS THE SWITCH IS DESIGNED TO MANAGE.

KEY TERMINALS AND THEIR FUNCTIONS

A TYPICAL 6-PRONG IGNITION SWITCH ON A JOHN DEERE TRACTOR WILL HAVE A SET OF TERMINALS, EACH DESIGNATED FOR A SPECIFIC ELECTRICAL FUNCTION. WHILE EXACT LABELING CAN VARY SLIGHTLY BETWEEN MODELS AND SWITCH MANUFACTURERS, THE FUNDAMENTAL PURPOSE OF EACH PRONG REMAINS CONSISTENT. UNDERSTANDING THESE FUNCTIONS IS CRUCIAL FOR INTERPRETING ANY JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM.

BATTERY TERMINAL (B OR BAT)

THIS TERMINAL IS THE PRIMARY INPUT FOR ELECTRICAL POWER. IT IS DIRECTLY CONNECTED TO THE POSITIVE TERMINAL OF THE BATTERY, PROVIDING THE MAIN POWER SOURCE FOR THE ENTIRE IGNITION SYSTEM AND, IN TURN, THE VEHICLE'S ELECTRICAL COMPONENTS. WHEN THE KEY IS IN ANY POSITION OTHER THAN OFF, THIS TERMINAL WILL BE ENERGIZED.

IGNITION TERMINAL (I or IGN)

THE IGNITION TERMINAL SUPPLIES POWER TO THE IGNITION SYSTEM COMPONENTS, SUCH AS THE IGNITION COIL AND THE ELECTRONIC CONTROL UNIT (ECU), WHEN THE KEY IS IN THE ON OR START POSITION. THIS ALLOWS THE SPARK PLUGS TO FIRE AND THE ENGINE TO RUN. IN SOME DIAGRAMS, YOU MIGHT SEE THIS REFERRED TO AS THE "RUN" TERMINAL.

ACCESSORY TERMINAL (A or ACC)

THIS TERMINAL POWERS AUXILIARY ELECTRICAL DEVICES THAT ARE NOT ESSENTIAL FOR ENGINE OPERATION BUT ARE USEFUL FOR THE OPERATOR. THESE CAN INCLUDE RADIOS, WORK LIGHTS, OR POWER OUTLETS. THE ACCESSORY TERMINAL IS TYPICALLY ENERGIZED WHEN THE KEY IS IN THE ACCESSORY OR ON POSITION, BUT NOT USUALLY IN THE START POSITION TO PREVENT UNNECESSARY LOAD ON THE STARTING CIRCUIT.

START TERMINAL (S or ST)

THE START TERMINAL IS RESPONSIBLE FOR ENGAGING THE STARTER MOTOR. WHEN THE KEY IS TURNED TO THE START POSITION, THIS TERMINAL RECEIVES POWER AND SENDS IT TO THE STARTER SOLENOID, WHICH IN TURN ENGAGES THE STARTER MOTOR TO CRANK THE ENGINE. THIS TERMINAL IS ONLY ENERGIZED WHEN THE KEY IS ACTIVELY HELD IN THE START POSITION AND USUALLY LOSES POWER ONCE THE KEY IS RELEASED BACK TO THE ON POSITION.

GROUND TERMINAL (G or GROUND)

WHILE NOT ALWAYS EXPLICITLY LABELED AS A PRONG ON THE SWITCH ITSELF IN EVERY CONFIGURATION, A GROUND CONNECTION IS VITAL FOR THE PROPER OPERATION OF THE IGNITION SWITCH AND THE CIRCUITS IT CONTROLS. IN SOME 6-PRONG DESIGNS, ONE OF THE PRONGS MAY SERVE AS A DEDICATED GROUND, OR THE SWITCH BODY ITSELF MIGHT BE GROUNDED TO THE CHASSIS. THIS PROVIDES A RETURN PATH FOR ELECTRICAL CURRENT.

ACCESSORY/IGNITION SPLIT TERMINAL (OFTEN LABELED AS R, R1, OR SIMILAR)

IN SOME 6-PRONG CONFIGURATIONS, THERE MIGHT BE AN ADDITIONAL TERMINAL THAT SPLITS POWER BETWEEN ACCESSORY AND IGNITION CIRCUITS, OR A SPECIFIC TERMINAL FOR A SECONDARY IGNITION OR ACCESSORY FUNCTION. THE EXACT FUNCTION OF THIS SIXTH TERMINAL CAN VARY SIGNIFICANTLY BETWEEN DIFFERENT JOHN DEERE MODELS AND SWITCH DESIGNS. IT'S ESSENTIAL TO CONSULT THE SPECIFIC JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM FOR YOUR EQUIPMENT TO PRECISELY IDENTIFY ITS ROLE.

COMMON WIRING SCENARIOS FOR A JOHN DEERE 6 PRONG IGNITION SWITCH

THE WAY THESE TERMINALS ARE WIRED DICTATES HOW THE ELECTRICAL SYSTEMS ON YOUR JOHN DEERE MACHINE ARE POWERED. DIFFERENT WIRING SCHEMES ARE EMPLOYED TO CATER TO THE SPECIFIC NEEDS OF VARIOUS MODELS AND THEIR INTEGRATED ELECTRICAL COMPONENTS. UNDERSTANDING THESE COMMON SETUPS WILL GREATLY ASSIST IN DECIPHERING YOUR JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM.

BASIC IGNITION AND ACCESSORY POWER

IN A STRAIGHTFORWARD SETUP, THE BATTERY TERMINAL RECEIVES DIRECT POWER FROM THE BATTERY. THE IGNITION TERMINAL POWERS THE ENGINE'S RUNNING SYSTEMS. THE ACCESSORY TERMINAL POWERS INDEPENDENT ACCESSORIES. THE START TERMINAL ENGAGES THE STARTER. THE SIXTH PRONG IN THIS SCENARIO MIGHT BE USED FOR A STARTER INTERLOCK (LIKE A NEUTRAL SAFETY SWITCH) OR TO PROVIDE A SEPARATE POWER FEED FOR SPECIFIC COMPONENTS THAT NEED POWER ONLY WHEN THE KEY IS IN THE ON POSITION.

WITH INTEGRATED STARTER RELAY CONTROL

SOME JOHN DEERE TRACTORS UTILIZE THE IGNITION SWITCH TO DIRECTLY CONTROL THE STARTER RELAY OR SOLENOID THROUGH A DEDICATED CIRCUIT. IN THIS CASE, THE START TERMINAL OF THE IGNITION SWITCH WOULD SEND A SIGNAL TO THE STARTER RELAY, WHICH THEN HANDLES THE HIGH-CURRENT DRAW FOR THE STARTER MOTOR. THIS IS A COMMON AND EFFICIENT WAY TO MANAGE THE DEMANDING CURRENT OF THE STARTER MOTOR WITHOUT PUTTING THE FULL LOAD THROUGH THE IGNITION SWITCH ITSELF.

MULTIPLE ACCESSORY CIRCUITS

CERTAIN JOHN DEERE MODELS MIGHT HAVE MORE COMPLEX ELECTRICAL NEEDS, REQUIRING SEPARATE POWER FEEDS FOR DIFFERENT SETS OF ACCESSORIES. A 6-PRONG SWITCH CAN ACCOMMODATE THIS BY HAVING THE ACCESSORY TERMINAL BRANCH OUT TO MULTIPLE INTERNAL OR EXTERNAL CIRCUITS, OR BY HAVING A SPECIALIZED TERMINAL DEDICATED TO A HIGH-DRAW ACCESSORY LIKE HYDRAULIC PUMPS OR PTO ENGAGEMENT SYSTEMS. THE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM IS CRUCIAL FOR IDENTIFYING THESE SPECIFIC BRANCHES.

SAFETY INTERLOCK SYSTEMS

MODERN JOHN DEERE EQUIPMENT OFTEN INCORPORATES SAFETY INTERLOCK SYSTEMS TO PREVENT OPERATION UNDER UNSAFE CONDITIONS. THE SIXTH PRONG CAN BE INSTRUMENTAL IN THESE SYSTEMS. FOR INSTANCE, IT MIGHT BE WIRED TO A NEUTRAL SAFETY SWITCH ON A TRANSMISSION, A SEAT SENSOR, OR A BRAKE INTERLOCK, ENSURING THE ENGINE CAN ONLY BE STARTED OR RUN WHEN ALL SAFETY CONDITIONS ARE MET. THE DIAGRAM WILL CLEARLY SHOW HOW THIS PRONG INTEGRATES WITH THESE SENSORS.

TROUBLESHOOTING COMMON IGNITION SWITCH ISSUES

WHEN YOUR JOHN DEERE TRACTOR EXPERIENCES ELECTRICAL PROBLEMS RELATED TO STARTING OR ACCESSORY POWER, THE IGNITION SWITCH IS OFTEN A PRIME SUSPECT. A FAULTY SWITCH CAN MANIFEST IN VARIOUS WAYS, FROM A COMPLETE LACK OF POWER TO INTERMITTENT ISSUES. HAVING THE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM READILY AVAILABLE IS INVALUABLE DURING THE DIAGNOSTIC PROCESS.

NO POWER TO ANY SYSTEMS

IF THE BATTERY IS CONFIRMED TO BE CHARGED AND CONNECTED, BUT THERE IS ABSOLUTELY NO ELECTRICAL ACTIVITY WHEN TURNING THE KEY, THE ISSUE COULD BE A COMPLETELY FAILED IGNITION SWITCH OR A BLOWN MAIN FUSE. THE DIAGRAM WILL SHOW THE MAIN BATTERY INPUT TO THE SWITCH, ALLOWING YOU TO VERIFY IF POWER IS REACHING IT.

ENGINE CRANKS BUT WON'T START

IF THE STARTER MOTOR ENGAGES AND CRANKS THE ENGINE BUT THE ENGINE DOES NOT FIRE UP AND RUN, THIS POINTS TOWARDS A PROBLEM WITH THE IGNITION SYSTEM'S POWER SUPPLY, NOT NECESSARILY THE STARTING CIRCUIT ITSELF. THE DIAGRAM WILL HELP YOU TRACE THE POWER FROM THE BATTERY TERMINAL TO THE IGNITION TERMINAL AND THEN TO THE IGNITION COIL AND OTHER RUNNING COMPONENTS.

ACCESSORIES NOT WORKING

IF THE ENGINE STARTS AND RUNS, BUT ACCESSORIES LIKE LIGHTS, RADIO, OR POWER OUTLETS ARE NOT FUNCTIONING, THE PROBLEM LIKELY LIES WITH THE ACCESSORY TERMINAL OR THE CIRCUITS IT POWERS. CHECKING THE WIRING FROM THE BATTERY TERMINAL TO THE ACCESSORY TERMINAL ON THE SWITCH IS A LOGICAL NEXT STEP, GUIDED BY THE DIAGRAM.

INTERMITTENT OPERATION

INTERMITTENT ISSUES, WHERE THE SWITCH WORKS SOMETIMES AND NOT OTHERS, ARE OFTEN INDICATIVE OF WORN INTERNAL CONTACTS OR LOOSE CONNECTIONS WITHIN THE SWITCH. VIBRATIONS CAN TEMPORARILY RE-ESTABLISH CONTACT. USING THE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM, YOU CAN TEST CONTINUITY BETWEEN THE VARIOUS TERMINALS IN DIFFERENT KEY POSITIONS TO IDENTIFY WHERE THE CONNECTION IS FAILING.

RESOURCES FOR OBTAINING A JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM

FINDING THE CORRECT WIRING DIAGRAM FOR YOUR SPECIFIC JOHN DEERE MODEL IS CRUCIAL FOR ACCURATE WORK. RELYING ON GENERIC DIAGRAMS CAN LEAD TO ERRORS AND DAMAGE. FORTUNATELY, SEVERAL RESOURCES ARE AVAILABLE TO HELP YOU LOCATE THE PRECISE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM YOU NEED.

- **JOHN DEERE SERVICE MANUALS:** THE MOST RELIABLE SOURCE FOR WIRING DIAGRAMS IS THE OFFICIAL SERVICE MANUAL FOR YOUR TRACTOR OR EQUIPMENT MODEL. THESE MANUALS CONTAIN DETAILED SCHEMATICS, INCLUDING IGNITION SWITCH WIRING.
- **ONLINE PARTS CATALOGS:** MANY ONLINE JOHN DEERE PARTS CATALOGS WILL DISPLAY DIAGRAMS OF COMPONENTS, AND SOMETIMES THESE WILL INCLUDE WIRING INFORMATION OR LINKS TO RELEVANT DIAGRAMS.
- **SPECIALIZED TRACTOR FORUMS AND COMMUNITIES:** ONLINE FORUMS DEDICATED TO JOHN DEERE TRACTORS OFTEN HAVE EXPERIENCED MEMBERS WHO CAN SHARE OR POINT YOU TO THE CORRECT DIAGRAMS.
- **AFTERMARKET REPAIR MANUALS:** WHILE OFFICIAL MANUALS ARE PREFERRED, REPUTABLE AFTERMARKET REPAIR MANUALS CAN ALSO BE A GOOD SOURCE FOR WIRING INFORMATION.
- **LOCAL JOHN DEERE DEALERSHIP:** YOUR LOCAL DEALERSHIP CAN OFTEN PROVIDE ACCESS TO SERVICE INFORMATION OR SELL YOU A COPY OF THE RELEVANT SERVICE MANUAL.

IMPORTANCE OF ACCURATE WIRING FOR SAFETY AND PERFORMANCE

THE CORRECT WIRING OF A JOHN DEERE 6-PRONG IGNITION SWITCH IS NOT JUST ABOUT FUNCTIONALITY; IT'S FUNDAMENTALLY LINKED TO THE SAFETY AND OPTIMAL PERFORMANCE OF THE ENTIRE MACHINE. MISWIRING CAN LEAD TO UNPREDICTABLE ELECTRICAL BEHAVIOR, POTENTIAL FIRE HAZARDS, AND DAMAGE TO SENSITIVE ELECTRONIC COMPONENTS. FOR INSTANCE, INCORRECTLY WIRING THE START CIRCUIT COULD LEAD TO THE STARTER MOTOR ENGAGING WHILE THE ENGINE IS RUNNING, CAUSING SEVERE MECHANICAL DAMAGE.

FURTHERMORE, SAFETY INTERLOCK SYSTEMS, WHICH ARE OFTEN MANAGED THROUGH THE IGNITION SWITCH, ARE DESIGNED TO PROTECT THE OPERATOR AND BYSTANDERS. IF THESE SYSTEMS ARE BYPASSED OR INCORRECTLY WIRED, THE MACHINE MAY OPERATE IN A MANNER THAT IS UNSAFE, SUCH AS ALLOWING MOVEMENT WITH THE PARKING BRAKE DISENGAGED OR ENABLING PTO ENGAGEMENT WHEN NOT INTENDED. ADHERING STRICTLY TO THE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM ENSURES THAT ALL SAFETY FEATURES FUNCTION AS DESIGNED, PROVIDING PEACE OF MIND AND PREVENTING ACCIDENTS. ULTIMATELY, ACCURATE WIRING CONTRIBUTES TO THE LONGEVITY AND RELIABLE OPERATION OF YOUR VALUABLE JOHN DEERE EQUIPMENT.

Q: WHAT ARE THE TYPICAL POSITIONS OF A JOHN DEERE 6 PRONG IGNITION SWITCH?

A: THE TYPICAL POSITIONS ARE OFF (ALL CIRCUITS DE-ENERGIZED), ACCESSORY (POWERS NON-ESSENTIAL ELECTRICAL DEVICES LIKE RADIOS OR WORK LIGHTS), ON/RUN (POWERS IGNITION SYSTEM AND ACCESSORIES NEEDED FOR THE ENGINE TO RUN), AND START (ENGAGES THE STARTER MOTOR TO CRANK THE ENGINE).

Q: CAN I USE A GENERIC 6-PRONG IGNITION SWITCH IF I CAN'T FIND THE EXACT JOHN DEERE PART?

A: WHILE SOME 6-PRONG SWITCHES MAY HAVE SIMILAR TERMINAL LAYOUTS, IT'S STRONGLY ADVISED TO USE THE SPECIFIC JOHN DEERE PART OR AN EXACT OEM EQUIVALENT. THE INTERNAL WIRING AND TERMINAL FUNCTIONS CAN VARY SIGNIFICANTLY, AND USING A GENERIC SWITCH WITHOUT UNDERSTANDING ITS SPECIFIC WIRING DIAGRAM COULD LEAD TO DAMAGE OR MALFUNCTION. ALWAYS CONSULT YOUR JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM.

Q: WHAT DOES THE "S" TERMINAL ON A JOHN DEERE 6 PRONG IGNITION SWITCH TYPICALLY CONNECT TO?

A: THE "S" TERMINAL, OFTEN LABELED AS START, TYPICALLY CONNECTS TO THE STARTER SOLENOID OR THE STARTER RELAY. WHEN THE KEY IS TURNED TO THE START POSITION, THIS TERMINAL RECEIVES POWER AND SENDS IT TO ENGAGE THE STARTER MOTOR.

Q: HOW DO I TEST A JOHN DEERE 6 PRONG IGNITION SWITCH FOR CONTINUITY?

A: YOU WILL NEED A MULTIMETER SET TO CONTINUITY MODE. CONSULT YOUR JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM TO IDENTIFY THE TERMINALS. THEN, PLACE THE SWITCH KEY IN DIFFERENT POSITIONS (OFF, ACC, ON, START) AND TEST FOR CONTINUITY BETWEEN THE SPECIFIED TERMINALS ACCORDING TO THE DIAGRAM. A LACK OF CONTINUITY WHERE IT SHOULD EXIST INDICATES A FAULTY SWITCH.

Q: WHAT IS THE PURPOSE OF THE "ACCESSORY" TERMINAL ON THE IGNITION SWITCH?

A: THE ACCESSORY (ACC) TERMINAL POWERS ELECTRICAL DEVICES THAT ARE NOT DIRECTLY INVOLVED IN ENGINE OPERATION BUT ARE USEFUL FOR THE OPERATOR. THIS CAN INCLUDE THINGS LIKE RADIOS, INTERIOR LIGHTS, POWER OUTLETS FOR CHARGING DEVICES, AND AUXILIARY WORK LIGHTS.

Q: MY JOHN DEERE TRACTOR STARTS BUT ACCESSORIES DON'T WORK. COULD THE IGNITION SWITCH BE THE ISSUE?

A: YES, THIS IS A COMMON SYMPTOM OF A FAULTY IGNITION SWITCH, SPECIFICALLY RELATED TO THE ACCESSORY TERMINAL OR ITS WIRING. THE ENGINE'S RUNNING CIRCUITS (POWERED BY THE IGNITION TERMINAL) MIGHT BE FUNCTIONING, BUT THE ACCESSORIES (POWERED BY THE ACCESSORY TERMINAL) ARE NOT RECEIVING POWER. CHECKING THE WIRING FROM THE BATTERY TO THE ACCESSORY TERMINAL, AS DEPICTED IN THE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM, IS A GOOD STARTING POINT.

Q: WHERE CAN I FIND A RELIABLE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM FOR MY SPECIFIC MODEL?

A: THE BEST SOURCE IS THE OFFICIAL JOHN DEERE SERVICE MANUAL FOR YOUR TRACTOR OR EQUIPMENT. YOU CAN ALSO TRY ONLINE JOHN DEERE PARTS CATALOGS, REPUTABLE TRACTOR FORUMS, OR CONTACT YOUR LOCAL JOHN DEERE DEALERSHIP FOR ASSISTANCE.

Q: WHAT CAN HAPPEN IF THE "B" OR BATTERY TERMINAL ON THE IGNITION SWITCH IS WIRED INCORRECTLY?

A: INCORRECT WIRING OF THE BATTERY (B OR BAT) TERMINAL CAN CAUSE SEVERAL SERIOUS ISSUES, INCLUDING A SHORT CIRCUIT, A DEAD BATTERY, OR DAMAGE TO THE IGNITION SWITCH ITSELF AND OTHER ELECTRICAL COMPONENTS. IT IS CRUCIAL TO ENSURE THIS TERMINAL IS DIRECTLY CONNECTED TO THE POSITIVE BATTERY TERMINAL OR ITS MAIN POWER FEED.

Q: DOES THE "START" TERMINAL REMAIN POWERED WHEN THE ENGINE IS RUNNING?

A: No, the "S" or START TERMINAL IS TYPICALLY DESIGNED TO ONLY BE POWERED WHEN THE KEY IS HELD IN THE START POSITION. ONCE THE ENGINE STARTS AND THE KEY IS RELEASED TO THE ON/RUN POSITION, THE POWER TO THE "S" TERMINAL SHOULD DISENGAGE TO PREVENT DAMAGE TO THE STARTER MOTOR. THE JOHN DEERE 6 PRONG IGNITION SWITCH WIRING DIAGRAM WILL ILLUSTRATE THIS SEQUENCE.

[John Deere 6 Prong Ignition Switch Wiring Diagram](#)

John Deere 6 Prong Ignition Switch Wiring Diagram

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