



282775A1

282775A1 Ignition Switch User Manual

For Case-IH and McCormick Tractor Models

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the **282775A1 Ignition Switch**. This replacement part is designed for a wide range of Case-IH and McCormick tractor models, ensuring reliable performance for your agricultural and industrial equipment.

The 282775A1 Ignition Switch is a direct replacement for several original part numbers, including A134737, B91586, D134737, D88103, L36185, L55655, L61053, L76350, L77451, L77723, L77873, and R57312.

Please read this manual thoroughly before attempting any installation or operation to ensure safety and optimal functionality.

PRODUCT OVERVIEW



Figure 1: The 282775A1 Ignition Switch, showing the main switch body with electrical terminals and two accompanying keys.



Premium Quality Tractor Parts Since 1985

Figure 2: Cross Creek Tractor logo, indicating the manufacturer's commitment to quality tractor parts since 1985.

COMPATIBILITY

The 282775A1 Ignition Switch is compatible with a wide range of Case-IH and McCormick tractor models. Below is a list of common compatible models:

- **Case-IH C-Series:** C50, C60, C70, C80, C90
- **Case-IH CX-Series:** CX50, CX60, CX70, CX80, CX90, CX100
- **Case-IH MX-Series:** MX80C, MX90C, MX100, MX110, MX120, MX135, MX150, MX170, MX180, MX200, MX220, MX240, MX270
- **Case-IH 2000/3000/4000/5000/7000/8000/8900 Series Tractors:** 2394, 2594, 3394, 3594, 4494, 4694, 5120, 5130, 5140, 5220, 5230, 5240, 5250, 7110, 7120, 7130, 7140, 7150, 7210, 7220, 7230, 7240, 7250, 8910, 8920, 8930, 8940, 8950, etc. (Refer to full product description for complete list)
- **Case Skid Steer Loaders:** 40XT, 60XT, 70XT, 75XT, 85XT, 90XT, 95XT, 1835B, 1835C, 1840, 1845B, 1845C
- **Case Backhoes/Loaders:** 480D, 480E, 480ELL, 480F, 480FLL, 480LL, 550E, 550G, 560, 570LXT, 570MXT, 580D,

580E, 580K, 580L, 580M, 580SD, 580SE, 580SK, 580 SUPER L, 580 SUPER M, 584E, 585E, 585G, 586E, 586G, 588G, 590, 590 SUPER L, 590 SUPER M, etc.

- **McCormick Tractors:** CX90, CX100, CX105, CX110, MC80, MC90, MC95, MC100, MC105, MC115, MC120, MC130, MC135, MTX120, MTX135, MTX145, TTX190, TTX210, TTX230, XTX145, XTX165

Note: This list is not exhaustive. Always verify compatibility with your specific equipment model and existing part numbers before installation.

INSTALLATION INSTRUCTIONS

Safety First: Before beginning any installation, ensure the vehicle's battery is disconnected to prevent electrical shock or damage to the system. Wear appropriate personal protective equipment (PPE).

1. **Locate the Existing Ignition Switch:** Identify the current ignition switch on your equipment. It is typically located on the dashboard or control panel.
2. **Disconnect Wiring:** Carefully label and disconnect all electrical wires connected to the old ignition switch. Take photos if necessary to aid in reassembly.
3. **Remove Old Switch:** Remove any retaining nuts, clips, or screws securing the old switch in place. Gently pull the old switch out of its mounting hole.
4. **Install New Switch:** Insert the new 282775A1 Ignition Switch into the mounting hole. Ensure it is seated correctly and secure it with the retaining hardware.
5. **Reconnect Wiring:** Reconnect the electrical wires to the new switch according to your labels or photos. Ensure all connections are secure and properly insulated. The switch features a "Plug In" connector type.
6. **Test Functionality:** Reconnect the vehicle's battery. Insert the key into the new ignition switch and test all positions (OFF, ACC, ON, START) to ensure proper operation of all associated systems.
7. **Final Check:** Verify that there are no loose connections or exposed wires.

If you are unsure about any step, it is recommended to consult a qualified technician or refer to your equipment's specific service manual.

OPERATING INSTRUCTIONS

The 282775A1 Ignition Switch operates manually, providing standard ignition functions for your equipment.

- **OFF Position:** When the key is in the OFF position, all electrical circuits are de-energized, and the engine is off. The key can typically be removed in this position.
- **ACC (Accessory) Position:** Turning the key to the ACC position (if available on your equipment's wiring) provides power to accessories such as the radio or lights without engaging the engine.
- **ON Position:** In the ON position, the ignition system and all essential electrical components are energized, preparing the engine for starting. Do not leave the key in this position for extended periods without the engine running.
- **START Position:** Turning the key further to the START position engages the starter motor to crank the engine. Release the key once the engine starts; it will spring back to the ON position.

Always ensure the transmission is in neutral or park and the parking brake is engaged before starting the engine.

MAINTENANCE

The 282775A1 Ignition Switch is designed for durability and requires minimal maintenance. However, periodic checks can help ensure its longevity and reliable operation:

- **Inspect Connections:** Periodically check the electrical connections at the back of the switch for corrosion or looseness. Clean any corrosion with a suitable electrical contact cleaner.
- **Key Operation:** Ensure the key turns smoothly in all positions. If it feels stiff, a small amount of graphite lubricant can be applied to the keyway. Avoid using oil-based lubricants as they can attract dirt.
- **Environmental Protection:** Keep the switch area clean and free from excessive dust, dirt, and moisture, which can degrade electrical contacts over time.

TROUBLESHOOTING

If you experience issues with your ignition switch, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Engine does not crank when key is turned to START.	Dead or low battery. Loose or corroded battery terminals. Faulty starter motor or solenoid. Faulty ignition switch.	Check battery charge and connections. Clean and tighten battery terminals. Inspect starter motor and solenoid. Test ignition switch continuity (if equipped with multimeter).
No power to accessories (radio, lights) in ON/ACC position.	Blown fuse. Loose wiring connection at switch. Faulty ignition switch.	Check and replace relevant fuses. Inspect and secure wiring connections. Consider replacing the switch if other causes are ruled out.
Key is difficult to turn or remove.	Worn key or switch mechanism. Debris in keyway.	Try a spare key. Apply graphite lubricant to keyway. If problem persists, switch replacement may be necessary.

Always consult a professional mechanic or the equipment's service manual for complex electrical issues.

SPECIFICATIONS

Feature	Detail
Model Number	282775A1
Brand	Generic (Manufactured by Cross Creek Tractor)
Operation Mode	Manual
Contact Type	Normally Open
Connector Type	Plug In
Circuit Type	1-way
Mounting Type	Panel Mount
Actuator Type	Ignition

Feature	Detail
Contact Material	Metal
Color	Black
Replaces Part Numbers	A134737, B91586, D134737, D88103, L36185, L55655, L61053, L76350, L77451, L77723, L77873, R57312

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your 282775A1 Ignition Switch, please contact the seller or manufacturer, Cross Creek Tractor. Details regarding return policy and support can often be found on the original purchase platform or documentation.

The product is sold by Cross Creek Tractor, an American owned and operated company. For direct inquiries, please refer to the contact information provided with your purchase or visit their official website.



Figure 3: Cross Creek Tractor is an American owned and operated company, emphasizing their commitment to domestic business.

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This manual is for informational purposes only. Always follow safety guidelines and consult professional assistance when necessary.