

Severe Duty Starter Switch – High Current Push Button (100A)

Reliable engine starts in the harshest environments

This Severe Duty Starter Switch is a rugged heavy duty starter switch designed to deliver direct, dependable engine starting without the need for relays. Built as a high current push button switch 100A, it handles starter loads directly – eliminating weak points and improving reliability in demanding applications.

This is not just a switch. It's a reliable engine start switch engineered for real-world conditions where failure is not an option.

When it has to start – it starts.

Key Features & Performance

- 100A capacity as a high amperage momentary switch (12 VDC)
- Direct control as a relay bypass starter switch
- Heavy-duty zinc die-cast housing for durability
- Heat-resistant phenolic base for high-load operation
- Silver-plated studs for maximum conductivity
- Sealed design with rubber boot – a sealed push button switch waterproof solution
- Panel mount configuration for easy integration

Applications & Problem Solving

This starter switch for trucks and equipment is built for environments where traditional systems fail. By removing relays and simplifying circuits, it acts as a dependable direct starter control switch across multiple industries.

- Heavy-duty trucks and fleet vehicle starter switch applications
- Construction, agricultural, and industrial equipment
- Marine engines and off-highway vehicles
- Ideal for high torque systems and frequent start/stop cycles

Solves:

- Starter relay failures and voltage drop issues
 - Poor connections in vibration-heavy environments
 - Downtime caused by unreliable ignition systems
- Eliminate weak points in your starting system.

Eliminate weak points in your starting system.

Technical Overview

The switch directly handles high current loads required for starter activation, functioning as a compact industrial

high current switch built for durability and performance.

- Voltage: 12V DC
- Current: 100 Amps
- Operation: momentary push button
- Mounting: industrial starter switch panel mount
- Terminals: 10-32 silver-plated stud
- Housing: zinc die-cast
- Protection: sealed boot for dust, dirt, and moisture

Field-Proven Reliability

In a world of complex electronics, simplicity delivers reliability. This simple ignition switch alternative eliminates unnecessary components, reduces failure points, and provides consistent performance in harsh environments.

- No relays to fail
- No electronics required
- Proven long-life mechanical performance
- Built for vibration, dirt, and moisture

In a world of complex systems, simplicity is reliability.

Example Product: Part No. 051996097

The 051996097 is a rugged starter switch replacement heavy duty solution designed for high-demand applications requiring consistent, direct control.

Best For

- High torque starter systems
- Harsh environments with dirt, vibration, or moisture
- Applications where relay failure is common

System Integration (Full Vehicle Reliability)

This switch fits into a complete control and protection ecosystem:

- Starter Switch → engine start reliability
- Voltron® → electrical system monitoring
- Level Guard™ → coolant protection
- BARK® II → audible alerts
- Buzz-Lite™ → audio + visual warnings

Together, they create a complete reliable engine start switch and protection system across the vehicle.

This fits into your bigger system story:

- Starter Switch → engine start reliability
- Voltron® → electrical system monitoring

- Level Guard™ → coolant protection
- BARK® → audible warning system
- Buzz-Lite™ → audio/visual alerts

Full vehicle control + protection ecosystem

This product solves a very real, very expensive problem – That’s exactly what makes it valuable.

Switch Part numbers

- 51996097

Connect With Our Team

Upgrade to a proven rugged push button starter switch and ensure your equipment starts when it has to – every time.