

ZELENT ENTERPRISES

USA & CANADA PATENT PROTECTED

ALARM PIN SWITCH BRACKET / STRIKER PLATE

T - HANDLE WTB CAM LOCK TYPE

INFO PACKAGE

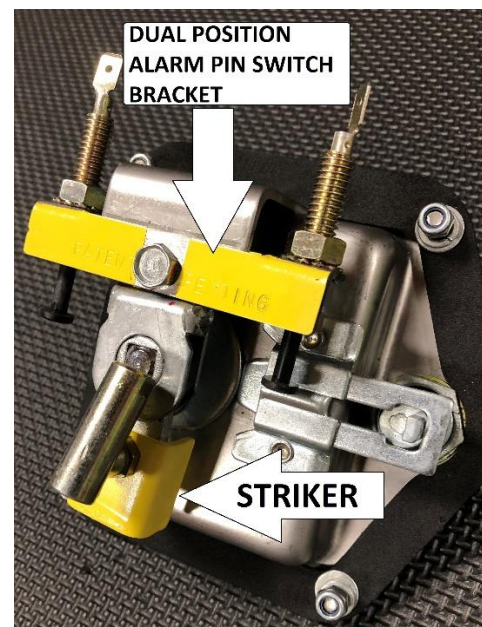
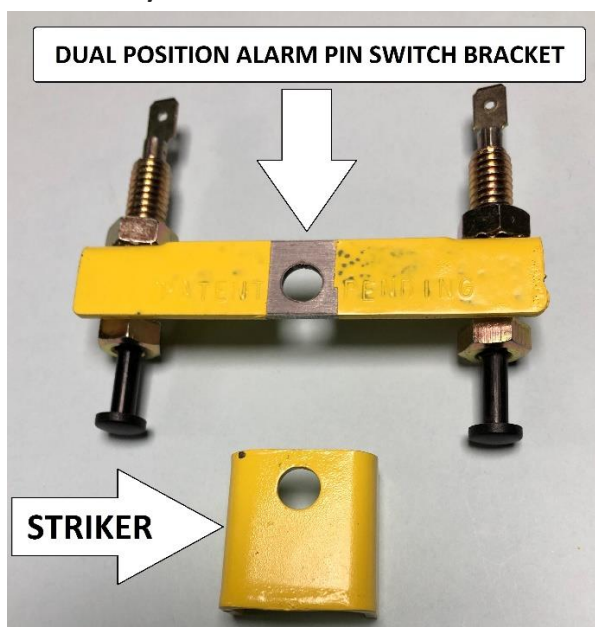
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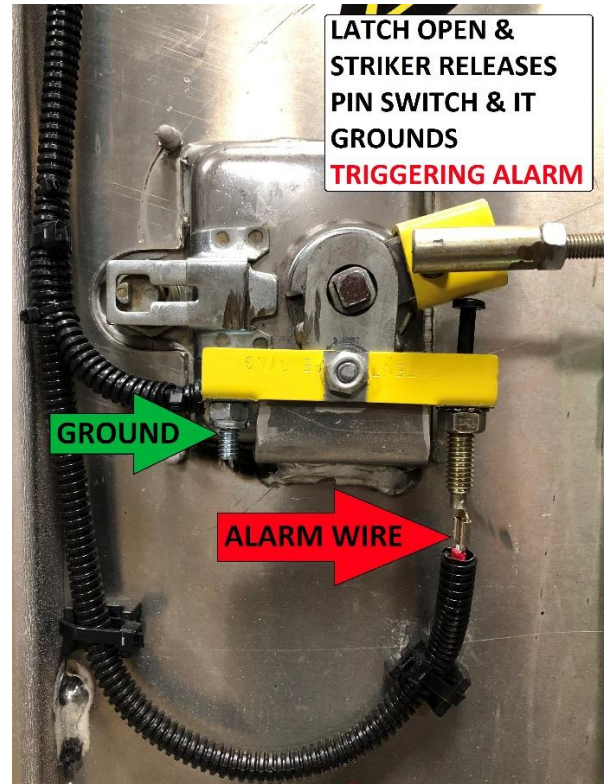
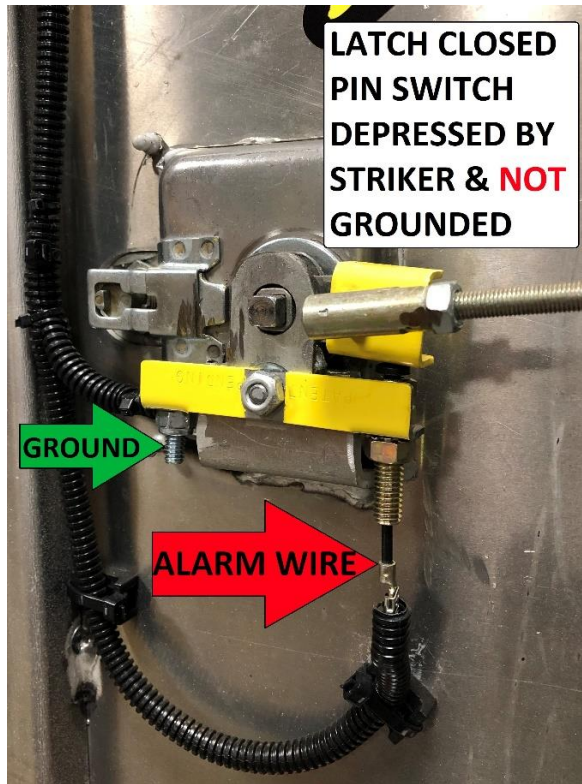


OVERVIEW / Explanation

The Alarm Pin Switch Bracket, for the T - HANDLE Type Latch, consists of a 'DUAL Position' Alarm Pin Switch Bracket and a STRIKER Plate that actuates the Alarm Pin Switch Plunger. The APS Bracket is attached to the 'nonrotating' rear portion of the latch using the existing bolt and nut on the latch. The bracket has an Alarm Pin Switch attached to one of the 2 optional locations depending on the mounting direction of the T – HANDLE Latch. The Alarm Pin Switch is a Ground Fault mechanism and when the Pin Switch is grounded the Alarm System is triggered causing the horn to honk / headlights to flash and the operator is notified of the intrusion via the cellular system through an Alarm System APP on their cell phone. The STRIKER Plate is attached to the ROTATING rear portion of the T – HANDLE latch with the existing bolt and nut and disengages the Alarm Pin Switch when the latch is closed and causes the Pin Switch to ground when the latch is opened. If the Alarm System is armed and the latch is opened the alarm is triggered instantly.

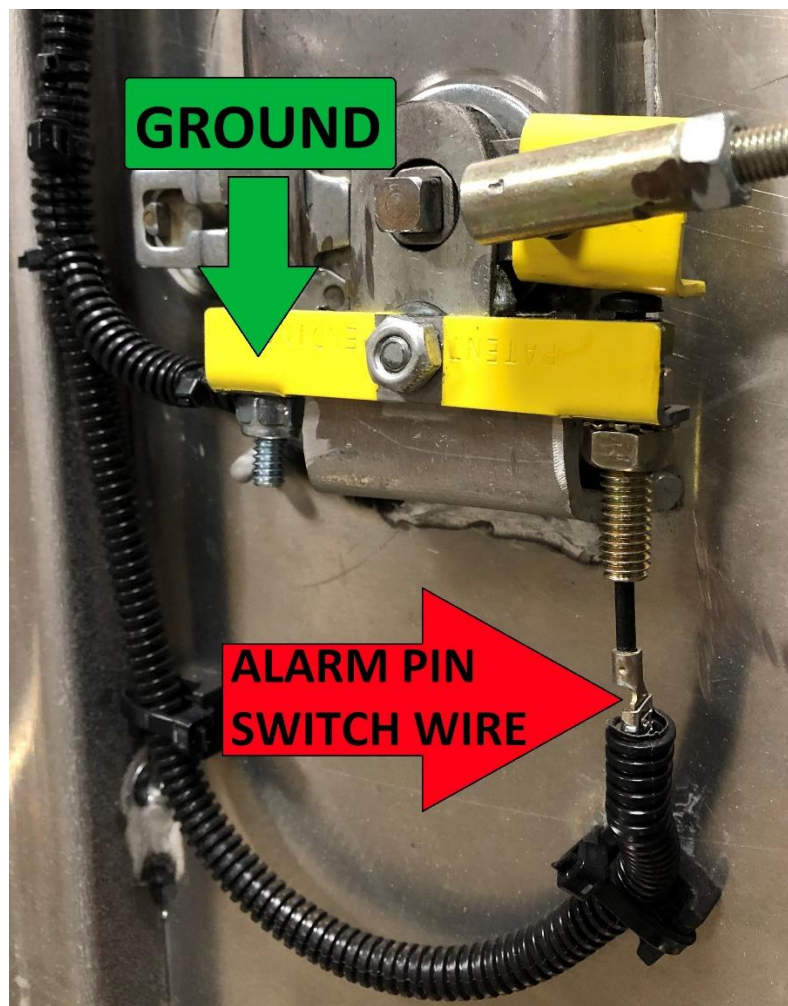
The 'unused' Alarm Pin Switch Bracket position will be used for a GROUND Wire (if required) that will then be attached to one of the door hinges bolts or Service Body GROUND.





GENERAL FUNCTION

Each Service Truck Compartment Latch will have an Alarm Wire to the Alarm System in the cab and a short Ground Wire (if required) to one of the door hinges bolts. The multiple Compartment Alarm Wires will be collected in the rear driver's side compartment where all of the compartment Alarm Wires will be soldered to a SINGLE Alarm Wire that will be routed in the truck frame and enter the cab on the driver's side to be installed in the actual Alarm System. This single Alarm wire connection will show as the 'TRUNK' on the Alarm System APP. The function of the Alarm Pin Switch attached to each compartment door latch is to provide a Ground Fault to the Alarm System whenever the system is armed, and a compartment door latch is opened / triggering the Alarm system.



INSTALLATION

Each Compartment T - HANDLE Type Latch will have a Dual Position Alarm Pin Switch Bracket installed using the existing bolt and nut on the rear of the latch and a Pin Switch installed in one of the two optional locations. Further, the STRIKER PLATE will be attached to ROTATING REAR portion of the T Handle Latch using the existing bolt and nut. As explained previously; each latch will have one Alarm Wire and one Ground Wire (if required). Each Alarm Wire will be routed to the driver's side rear Compartment for connection with all the other compartment Alarm Wires to be soldered together with one Alarm Wire to be routed in the truck frame to the cab on the driver's side for installation in the Alarm System. Each compartment Ground Wire will be attached to one of the door hinges bolts or the Service Body Ground to provide a solid ground for the Alarm Pin Switch. The Alarm Wires and Ground Wires will be individually and collectively protected in 'wiring loom' and attached to the inside of the doors in small plastic or metal brackets and secured with 'electrical straps'.



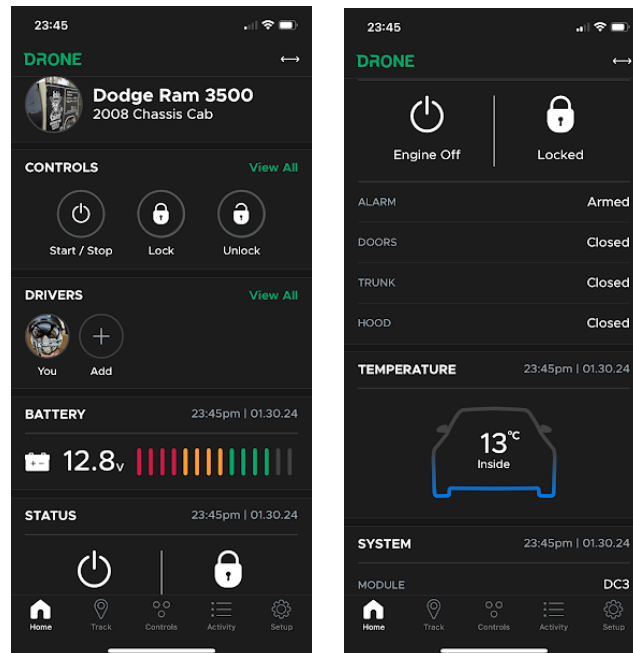
ALARM SYSTEM / FUNCTION

Modern Vehicle Alarm Systems are now connected to the vehicle operator via the cellular system. In the event that a 'forcible' entry is attempted and the system is armed; the vehicle Alarm System will be triggered and the vehicle horn will honk, the headlights and 'park' lights will flash and the vehicle operator will be contacted via cell phone with an alarm tone on their cell phone and the Alarm APP will be activated depicting what type of alarm was triggered, for example: trunk open (which are our Service Truck Compartments), Secondary Shock detected, Tilt Detected, or Hood or Doors opened.

I use the **Drone Mobile** Alarm System for the following reasons:

- Low initial cost \$275.00CAD MSRP may vary depending on Dealer. Low monthly subscription: I pay \$5.25CAD / month for the Basic System. Premium is \$15.79CAD and Premium Plus is \$39.51CAD / month, respectively. Upgraded systems can include multiple drivers / maintenance schedules / GPS location and speed tracking.
- The Drone Mobile System uses both the operator's cell phone and the existing truck Key FOB – NO SEPARATE ALARM SYSTEM FOB in most cases.
- The system can be armed / disarmed, and the truck remotely started using either the cell phone or the truck key FOB. This is advantageous should the vehicle be OUT of cellular coverage – the system can still be armed and disarmed with the truck key FOB; however, the operator will need to be within hearing distance of their vehicle to hear the horn honking should a forcible entry be attempted as they will not be notified by via the cell system.

DRONE MOBILE APP pictures for REFERENCE



HIGHLIGHTS

- Zelent Enterprises' Steel Alarm Pin Switch Brackets become an 'integral' part of the Service Truck Compartment Door Latch. These brackets use existing LATCH hardware for installation.
- Zelent Enterprises' Steel Alarm Pin Switch Brackets and all alarm and ground wiring can be installed by the operator at the Branch Level or by the original Service Truck Manufacturer. The actual alarm system will be installed by a local Audio / Electronic Company.

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