

Pro Controller I and II Pat. Pend

Keyless Entry Security System For Vehicles

The most advanced and exclusive keyless entry security system for your vehicle!



Features:

- Sequential Locking
Reduces spike amperage by 70%.
- Flex Switch Wireless
Up to 13 can be installed anywhere in vehicle.
- Door Open Warning
If any door is open @ engine start or locking.
- Programmable Logical Locking
Auto lock at engine start.
- Engine Running Security
Tampered vehicle automatically shuts down.
- Dual Zone Security
Zone exterior doors, hatches, boxes independently.

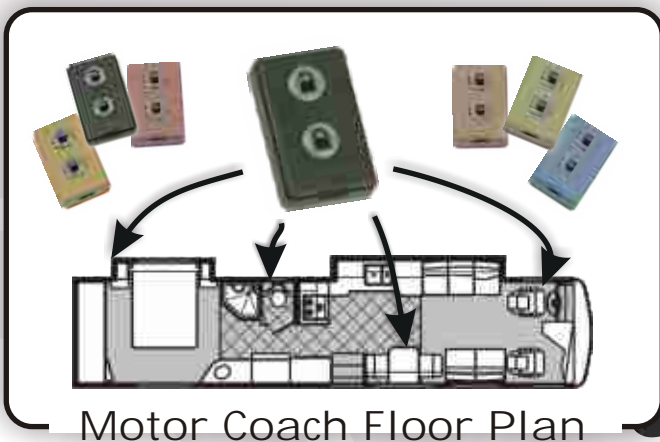


Flex Switch is "where you want it, when you need it."

Home alone or away from home, zone security is on the job.

A hidden Flex Switch in a non-locking compartment allows you to go swimming keyless

Time for bed?
The touch of a finger secures and locks all outer compartments and entry doors



Optional Alternate Trigger

PLRB-Pro Controller, PL910-1 3C & Alternate Trigger

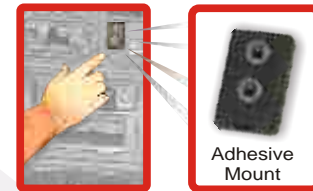
Flex Switch™ is coded using the same process as Key Fobs described in User Manual code learning section.

Mounting Flex Switch™ (RS1) is done using the 2 Fasteners through mounting holes. Carefully select the area best suited for its' placement.

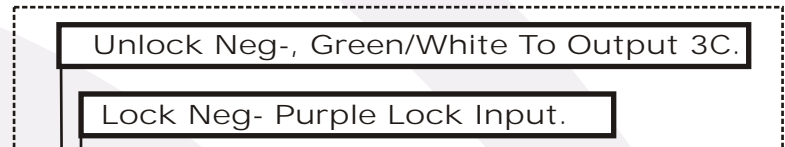
FLEX SWITCH I™



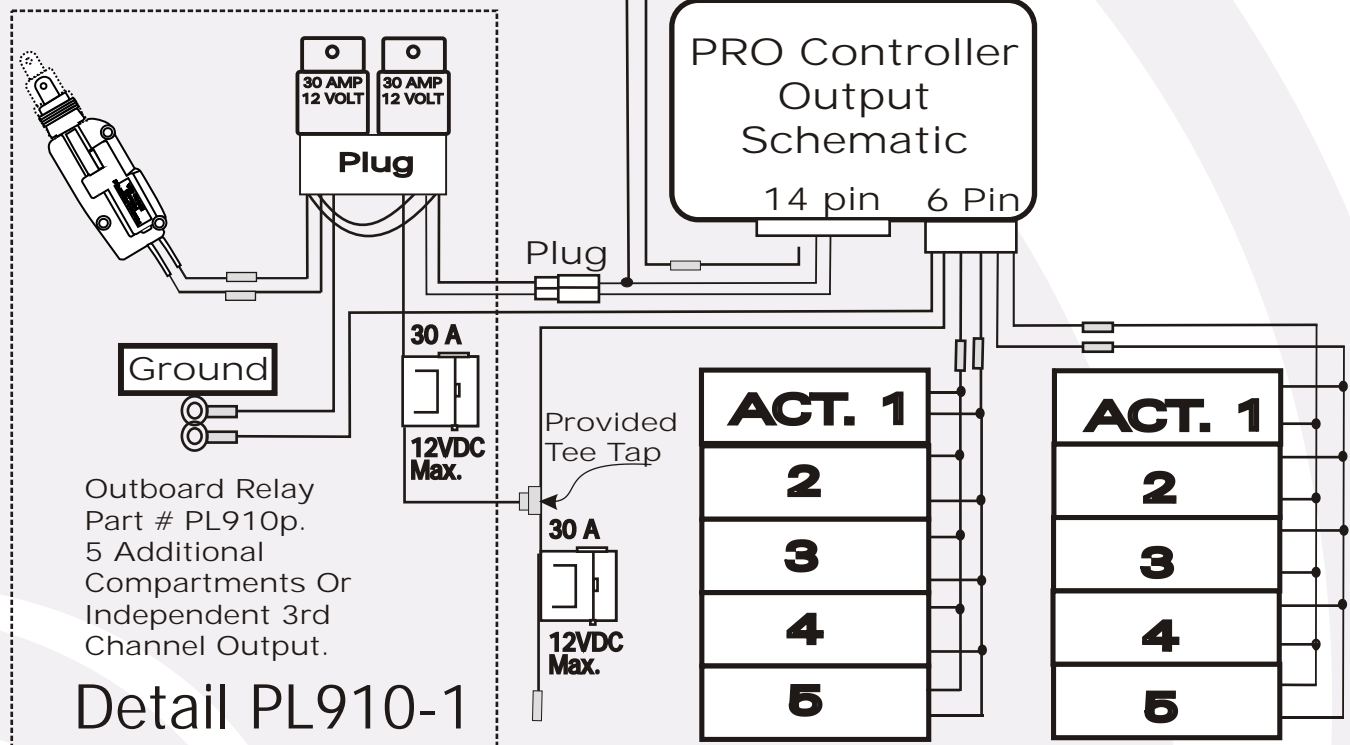
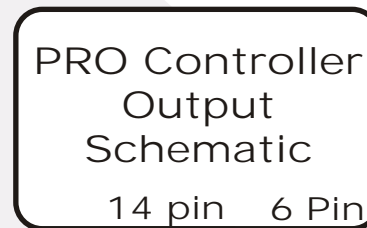
FLEX SWITCH II™



Separating Third (3C) By Alternate Trigger



Pat. Pend.



Outboard Relay
 Part # PL910p.
 5 Additional
 Compartments Or
 Independent 3rd
 Channel Output.

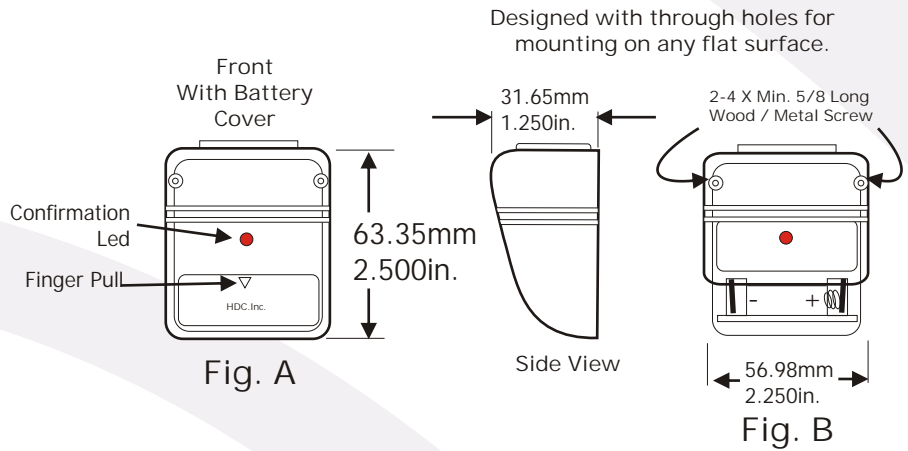
Detail PL910-1

- 1 (3C On) Third Channel Output First To Unlock
- 2 Second To Lock Left Baggage & Compartment
- 3 Third To Lock Right Baggage & Compartment

Optional

Flex Switch I™ (RS1)

Mounting Flex Switch (RS1) is done using the 2 Fasteners through mounting holes. Carefully select the area best suited for its placement.



Flex Switch

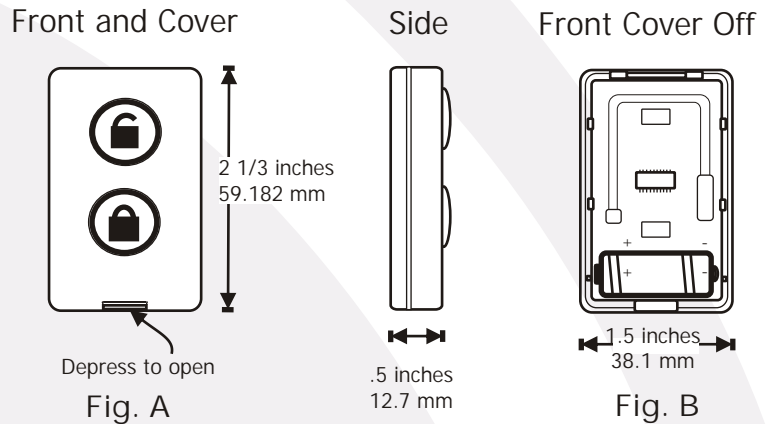
is coded using the same process as Key Fobs described in User Manual code learning section.

Flex Switch II™ (RS2)

Replacing the Flex Switch II battery the cover must be removed. Using only a fingernail or paper clip, depress the tab on the bottom of the flex switch. Cover will hinge at the top revealing the inside components. Replacement batteries are 12v part # GP23A, CN23A, EL12 and Vr22 or similar class battery.

Replacement battery must be installed as shown in Fig B. Its orientation is specific to +- polarities clearly marked.

Replace cover and test.

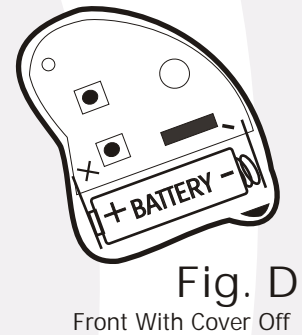
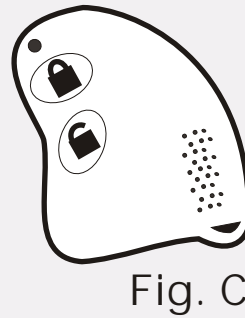


The battery mates to the contacts and cradles inside the bezel. Battery held in place only by cover and contacts.

T-25 Transmitter

To replace the T-25 Key Fob battery (Fig D.), the shell of the transmitter must be removed. Pry between the depression around the shell and separate the fob into 2 pieces exposing the battery as shown in Fig. D. Replacement batteries are 12v part # GP23A, CN23A, EL12 and VR22 or similar class battery.

Replacement battery must be installed as shown in Fig. D. Its orientation is specific to - + polarities clearly marked. Replace cover and test.



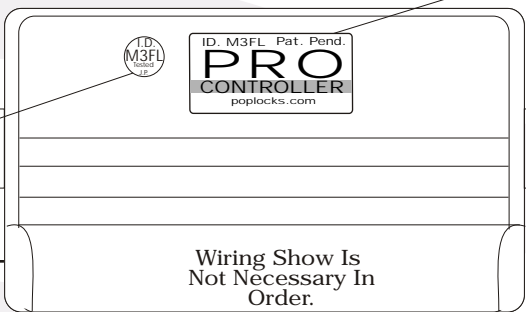
Pro Controller I and II Pat. Pend

Programming Guide

Please Note: Pro Controllers are installed often with a reduced feature harness. To add other accessories it will be necessary to add a full feature harness Part # 14PH. Visit our web site: poplocks.com regarding this or other accessories or how to manuals.

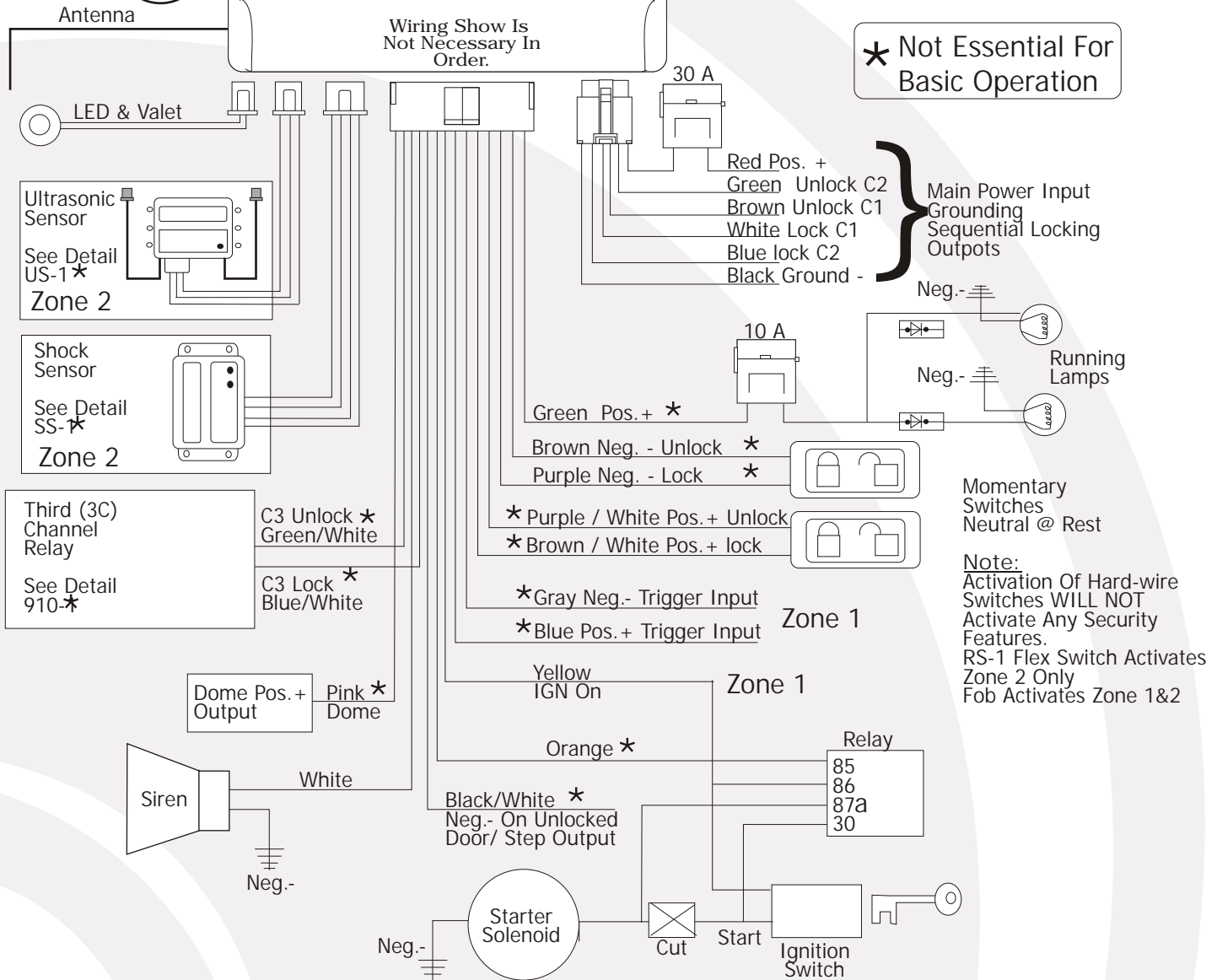


Product Identification Number



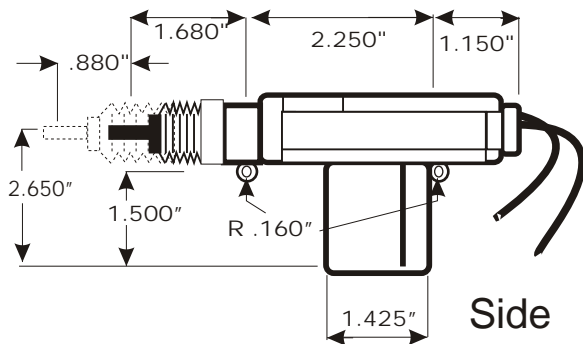
Part # PLRB-Pro
12 Volt DC
Zone Alarm
Sequential Locking
Code Learning
Flex Switch Compatible
Pat. Pend.

*** Not Essential For Basic Operation**

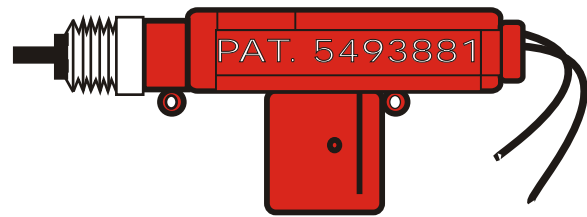


Actuator Data

Flat Act, MES Act, PD Series

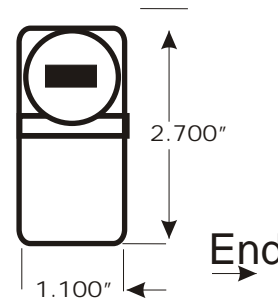
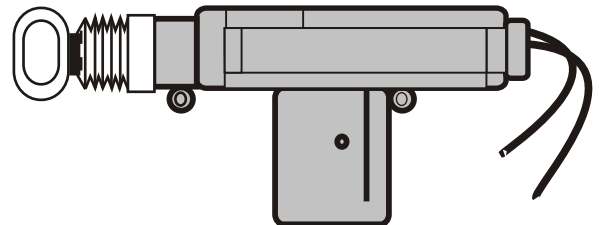


Red actuators employ a unique spring detent feature. The spring detent holds the intended lazy action latch in its designated position. This feature is the principle used with many P.O.P. Locks products.



Red Body Actuator 2 Wire Also In PD Series

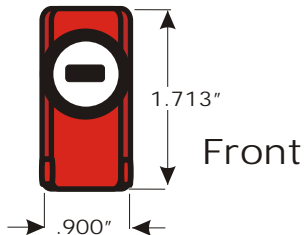
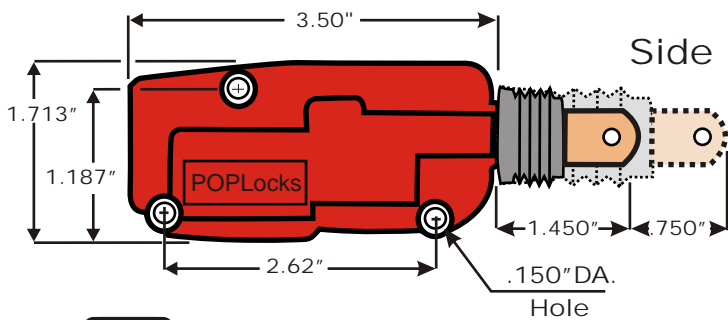
Both red and other actuators share critical dimensions allowing crossover components i.e.; bases, covers and connecting linkages to be interchanged.



MES-Clutch Type, Standard

Actuator 2-5 Wire, Also In PD Series

TECHNICAL SPECIFICATION HDC 12V ACTUATORS

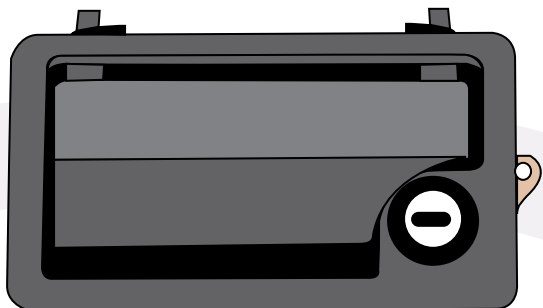


Red actuators employ a unique spring detent feature. The spring detent holds the intended lazy action latch in its designated position. This feature is the principle used with many P.O.P. Locks products.

Power Lock Latch Info

Part No. BADN-LP2C3 or BADN-LP2B1

Power Locking Options



Tri/Mark 2100 Series Latch

1. Install "Link" as shown in Fig.A and tighten securely
2. With provided templet, locate the holes to be drilled for D Actuator and its mounting base shown in Fig.B.
3. Shown in Fig. C . Final placement of D Actuator locking cam and" Link" adjust if necessary for full smooth travel.
4. Test key override prior to closing of any door.

A



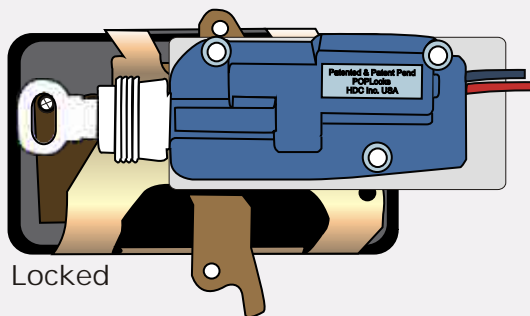
Link to Cam

B

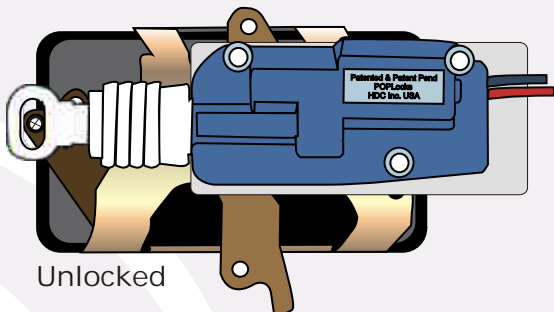


Base pre D Actuator install

C



Locked



Unlocked

For wiring details please visit provided electrical schematics.

Optional Cover



Final install in door



Power Lock Installation

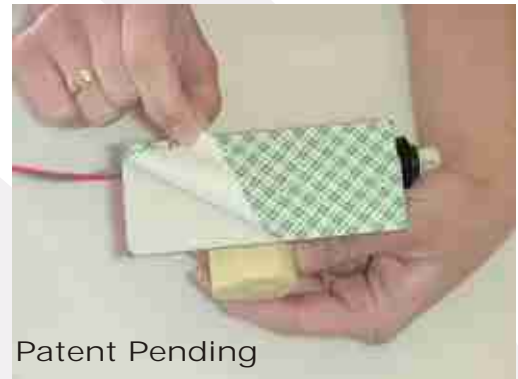
New Work

Adhesive base PL801 and other bases require that their surfaces be cleaned. It is recommended that #00 steel-wool or a scuffing pad be used, followed by a solvent such as acetone / lacquer thinner. Carefully select the final placement. Once installed its removal will damage the base & adhesive making them non-reusable.



Attach Actuator To PL801 Base

Remove Adhesive Covering



Connect Nylon Rod Connector To Latch

Connect Linkage To Actuator.
Next Install Actuator.

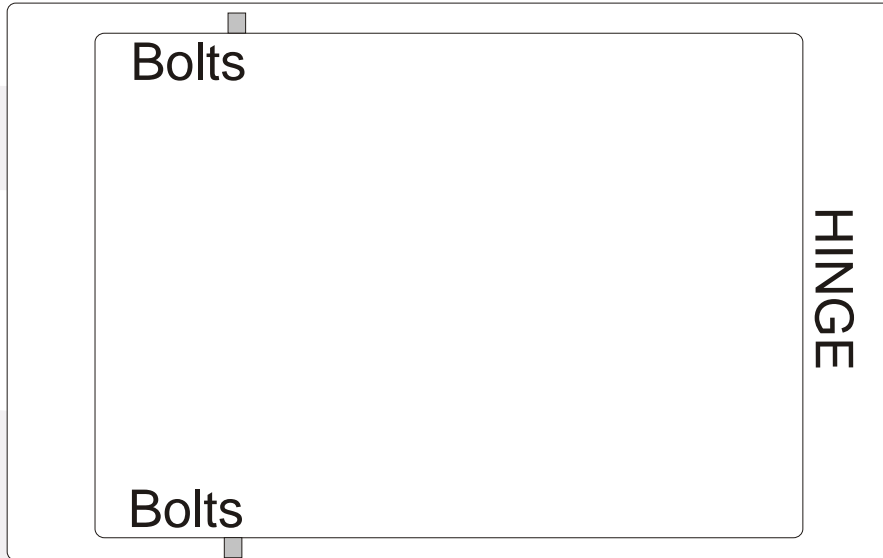
Cover Will Keep Actuator In Place



Power Lock Installation

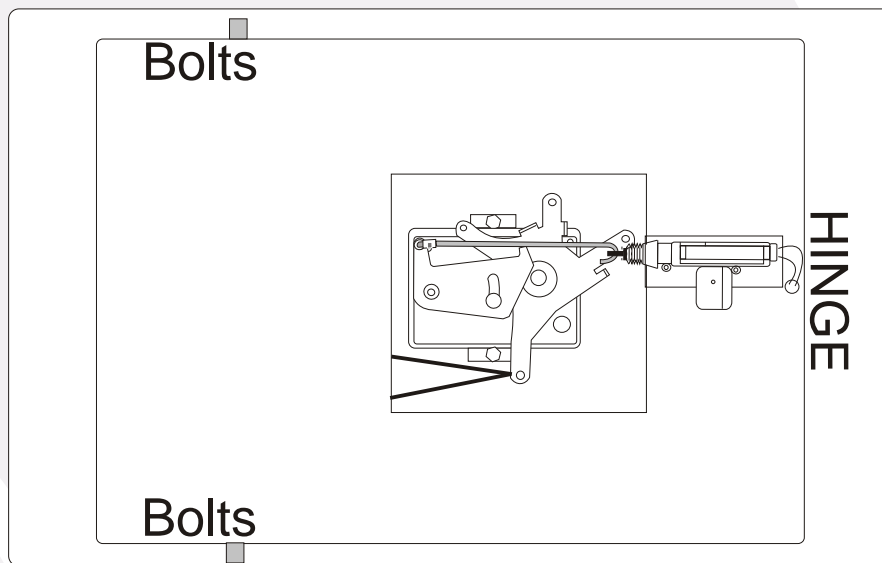
New Work

Rear Side Of Door Shown With Cover



The actuator is placed using PL801 adhesive base and prebent linkage. The base is mounted to the actuator with thru studs. The final placement of actuator and base is permanent.

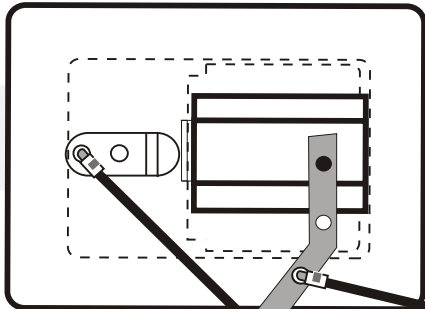
Rear Side Of Door



PLIII-O

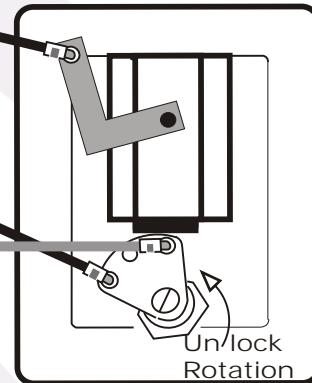
Paddle and Cab OEM Personnel Door Power Lock

Inside View of Outside Keyed Latch

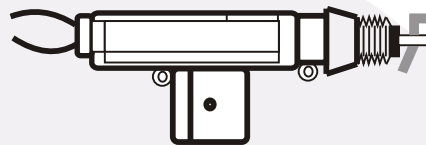


Paddle Paddle Personnel Door Power Lock Installation

Inside View of Interior Door Paddle Latch (Shown With Manual Lock Release)

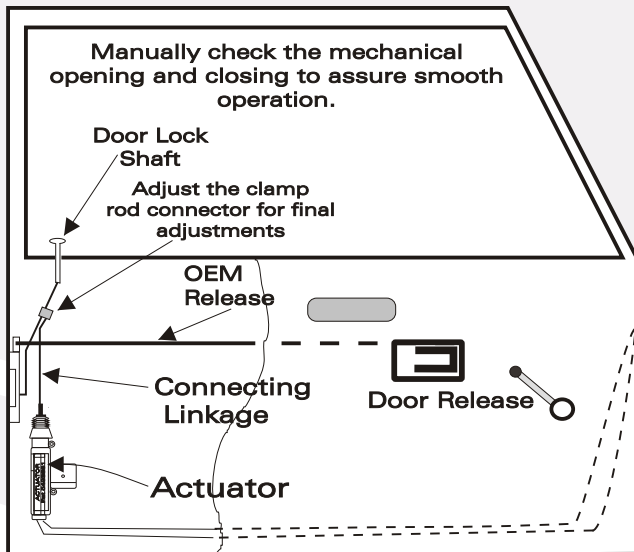


Optional Actuator Connection



SEE WIRING INSTRUCTIONS

PLIII-O (CAB O.E.M.)



CAB DOOR RETROFIT

Installations using this system need to be carefully laid out prior to installing actuator. Be sure location will not interfere with window crank.

Wire exiting the door to the hinge pillar should have approx. 4" difference in the height to avoid damage to cable when door opens and closes. Recommend grommets and loom protector be used.

SEE WIRING INSTRUCTIONS