

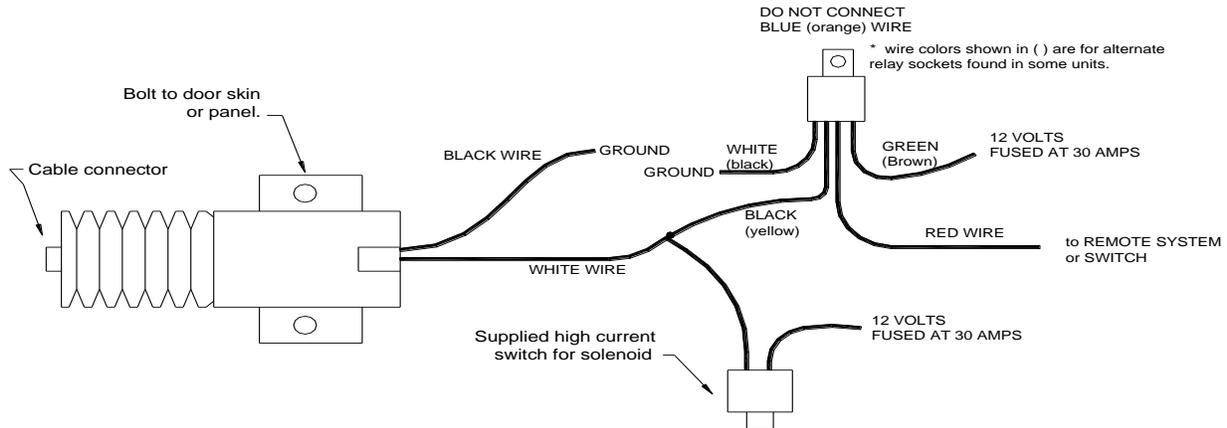


## PDR-2 HIGH POWER SOLENOID ACTUATOR

- This actuator will release even the most stubborn latches.
- It has 35 pounds of pull. It is activated to pull in by connecting the black wire to ground and then switching the white wire to 12 volts.
- The white wire should never be powered for more that a few seconds or it may burn out the solenoid.
- The heavy duty switch supplied with the system is rated at 40A and can turn the solenoid on directly.
- The 30 amp relay is provided with the actuator to allow the high current coil to be switched by a lower current switch or remote system.

Parts list: Heavy duty, water resistant switch  
18" Cable and crimp fittings  
35-pound solenoid  
Wiring connectors

Bolts and lock-nuts for mounting  
Fuse holder and 30A fuse  
Relay for use with remote systems



- The actuator can be mounted vertically or horizontally.
- When mounting the actuator, make sure to bolt it in securely. The actuator should be aligned so that the plunger pulls as straight as possible.
- The plunger should be able to fully pull in when energized. Using a cable to connect the actuator to the latch will usually be the easiest method.
- Due to the vast number of possible mounting applications we included universal hardware. This hardware might not be adequate for all applications due to the variety of different vehicles and mounting locations.
- Plan ahead in case of battery failure to have a way to get power to the solenoid or have a mechanical backup.

## **SERVICE AND REPAIR**

DAKOTA DIGITAL offers complete service and repair of its product line. In addition, technical support is available to help you work through any questions or problems you may be having installing one of our products. Please read through the Troubleshooting Guide. There, you will find the solution to most problems.

For additional support, please visit [www.dakotadigital.com](http://www.dakotadigital.com). A “**Product Support**” link will be found at the bottom of the home page.

**Should you ever need to send the unit back for repairs, please call our technical support line, (605) 332-6513, to request a Return Merchandise Authorization number.**

- Package the product in a good quality box along with plenty of packing material.
- Ship the product by a common carrier with tracking abilities.
- Be sure to include the RMA number on the package.
- Include a complete description of the problem, with RMA number, your full name and address (street address preferred), and a telephone number where you can be reached during the day.
- Any returns for warranty work must include a copy of the dated sales receipt from your place of purchase.
- Send no money. We will contact you for payment.

### **Dakota Digital Limited Lifetime Warranty**

DAKOTA DIGITAL warrants to the ORIGINAL PURCHASER of this product that should it, under normal use and condition, be proven defective in material or workmanship for the lifetime of the original vehicle it was installed in, such defect(s) will be repaired or replaced at Dakota Digital's option.

This warranty does not cover nor extend to damage to the vehicle's systems, and does not cover diagnosis, removal or reinstallation of the product.

This Warranty does not apply to any product or part thereof which in the opinion of the Company has been damaged through alteration, improper installation, mishandling, misuse, neglect, or accident.

Dakota Digital assumes no responsibility for loss of time, vehicle use, owner inconvenience nor related expenses.

Dakota Digital will cover the return standard freight once the product has been evaluated for warranty consideration, however the incoming transportation is to be covered by the owner.

This Warranty is in lieu of all other expressed warranties or liabilities. Any implied warranties, including any implied warranty of merchantability, shall be limited to the duration of this written warranty. No person or representative is authorized to assume, for Dakota Digital, any liability other than expressed herein in connection with the sale of this product.

**⚠WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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