

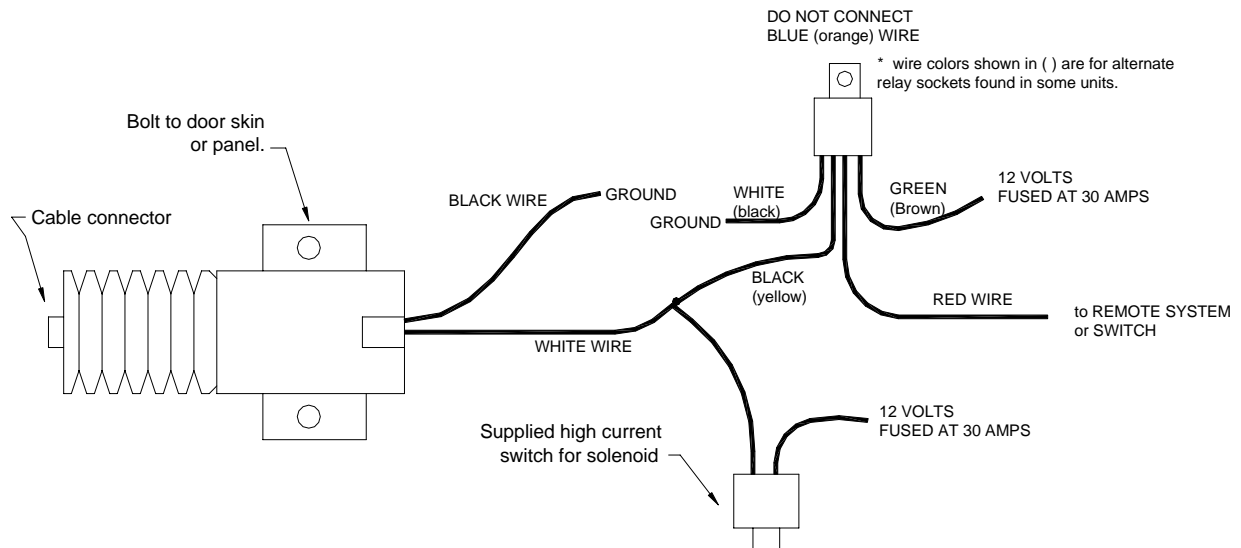
Dakota Digital

PDR-2 rev. A 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.

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