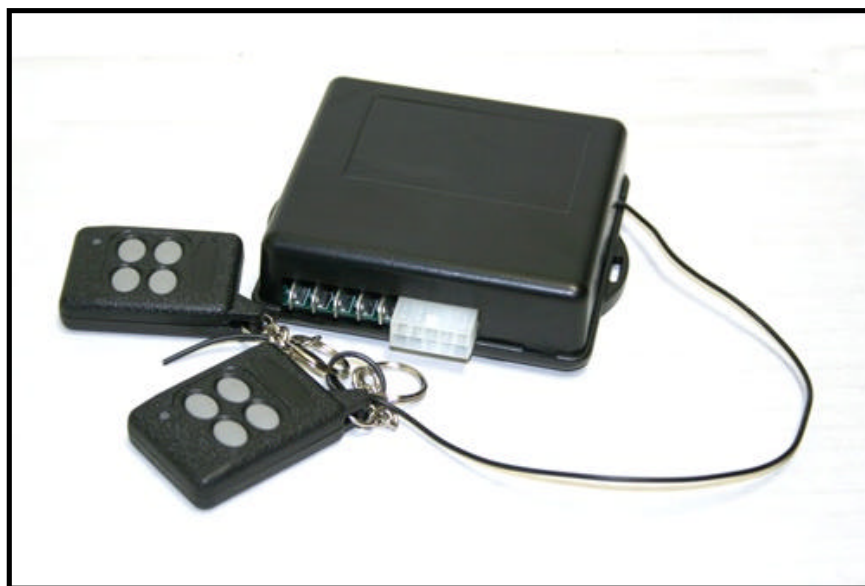


Versa 7

Seven Channel Remote Control



Global Solutions

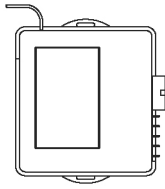


512 Tuttle Street • Des Moines, Iowa 50309-9618 • Main: (515) 283-3800 • Toll Free: (800) 631-4145

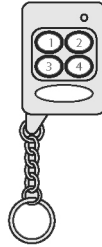
Seat Solutions • Rubber Solutions • Grizzly Power • Innovative Electronics

Versa7 Kit Contents

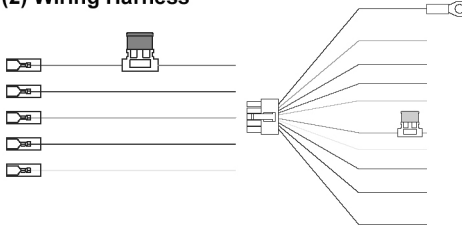
(1) Receiver



(2) Remote Control



(2) Wiring Harness



The Versa7 is designed to remotely control up to seven devices, or functions. All seven functions can be controlled with the supplied four button remote control.

Channels 1 and 2 are tied to onboard 30 AMP relays and may be used to control two functions up to 30 AMPs directly. Channels 3—7 are electronic outputs with a 500 milliamp current limitation. Typically these outputs are connected to a relay/s for control functions. These optional relays are **not** part of this kit.

Proper wiring is critical to the correct operation of this product. Make sure that all wires are properly connected, properly grounded, and free of potential damage, and correctly fused. Please refer to the wiring diagrams in the following pages.

For technical assistance please call:

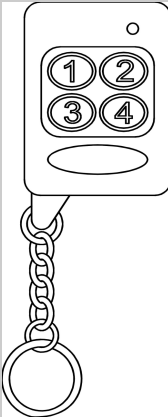
515-283-3900

Remote Control Operation

The remote control supplied with your kit has four buttons, but is capable of controlling 7 Channels.

Channel 1: Onboard relay	
Channel 2: Onboard relay	
Channel 3:	
Channel 4:	
Channel 5:	Optional negative outputs (500 mA)
Channel 6:	**Additional relays are required for each channel**
Channel 7:	

Basic Functions Of The Remote Control



To Operate:	Press:
Channel 1	Button 1
Channel 2	Button 2
Channel 3	Button 3
Channel 4	Button 4
Channel 5	Button 1 + Button 2
Channel 6	Button 1 + Button 3
Channel 7	Button 1 + Button 4

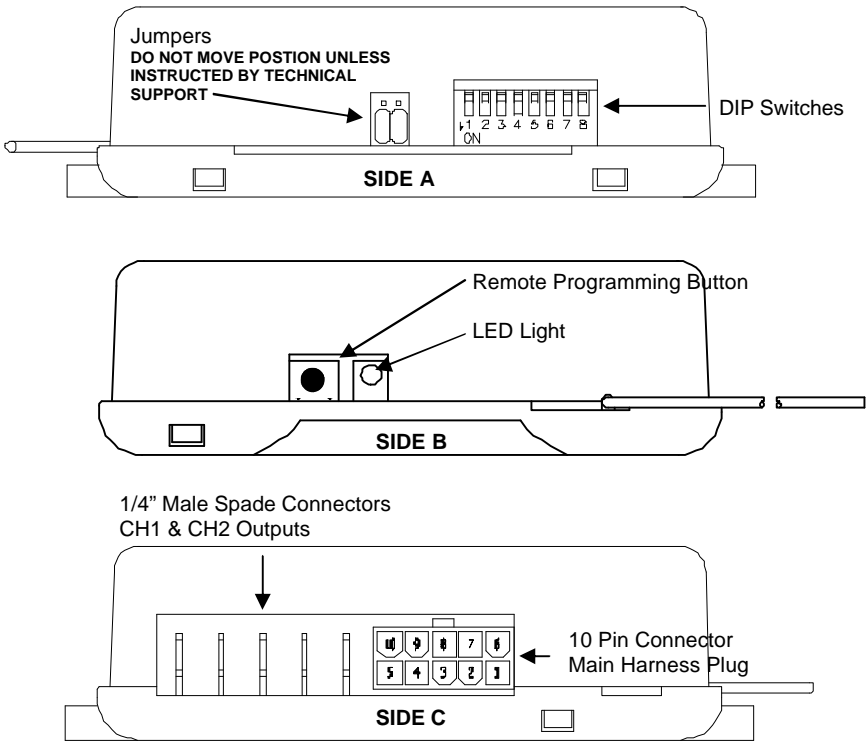
Remote Control Programming

Reprogramming the Remote Transmitters:

The remote transmitters are shipped Pre-Programmed. In the event that a remote transmitter loses the programmed code, or if you wish to add more remote transmitters, follow these steps:

- Make sure ignition is OFF.
- Locate the programming button located on the side of the receiver next to the LED.
- Press the programming button 3 times quickly (the LED will light).
- Press Button (1) on each transmitter you want learned in to the receiver (one at a time). There is a 10 second window to learn all new transmitters.
- The LED will remain lit for approximately 10 seconds after the last been recognized.
- Wait for the LED to go out. Then test each transmitter for proper function.

Components Identification



Mounting Considerations

Choose your mounting location carefully. The Versa7 should be securely mounted in an area that will remain dry, and not be subject to excessive shock and vibration. Additionally, try not to mount the Versa7 in a fully enclosed metal area, this will affect the operational range of the unit.

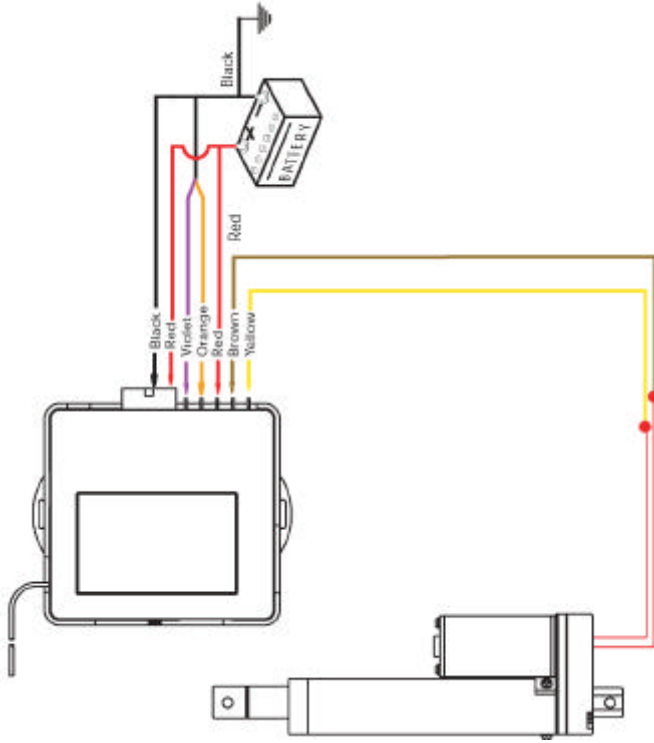
THE VERSA7 RECEIVER AND REMOTE CONTROL UNITS ARE NOT WATERPROOF. WARRANTY WILL NOT BE APPLICABLE TO UNITS THAT HAVE BEEN EXPOSED TO WATER.

DIP Switch Settings

Refer to the table below for DIP switch settings and special functions. The default position for all DIP switches is OFF.

DIP SWITCH FUNCTIONS		OFF	ON
DIP SW			
1	Channel 1 Provides relay output as long as transmitter button is pressed.	Channel 1 Relay Provides relay pulse output for .5 seconds when transmitter button is pressed.	
2	Channel 2 Provides relay output as long as transmitter button is pressed.	Channel 2 Provides relay pulse output for .5 seconds when transmitter button is pressed.	
3	No function.	If Channel 1, or 2 receive a signal 8 or more times within 20 seconds channel 1 & 2 will be deactivated for 30 seconds then reset to normal.	
4	Not used.		
5	Not used.		
6	Channel 6 Provides (-) 500mA output as long as transmitter button is pressed.	Provides (-) 500mA pulse output for .5 seconds when transmitter button is pressed. Ties channel 6 with channels 1 & 2. When either channel 1 or 2 are activated channel 6 will also output. Typically used as "Light Flash" if Versa7 is used as a keyless entry system.	
7	Channel 7 Provides (-) 500mA output as long as transmitter button is pressed.	Provides (-) 500mA pulse output for .05 seconds when transmitter button is pressed. Ties channel 7 with channels 1 & 2. When either channel 1 or 2 are activated channel 7 will also output. Typically used as "Horn Honk" if Versa7 is used as a keyless entry system.	
8	Not used.		

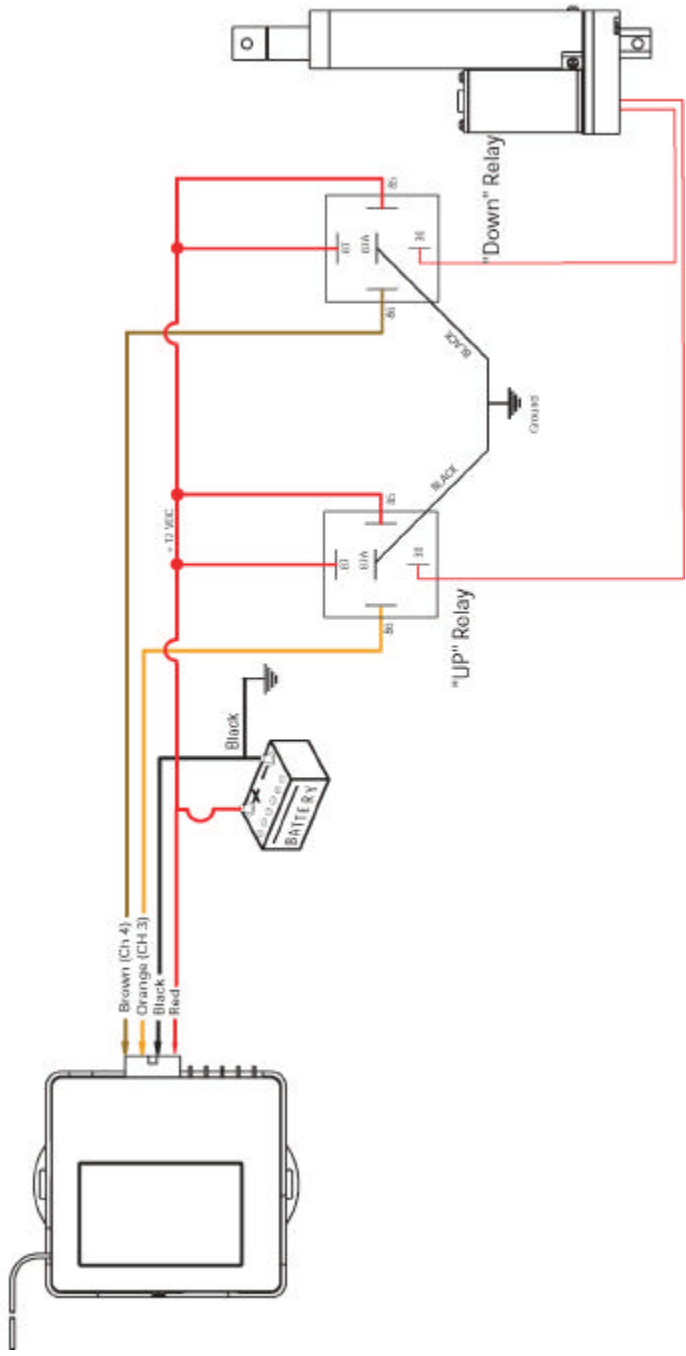
TYPICAL WIRING
Single Motor Reversing Circuit
Channels 1 and 2 Using Onboard Relays



TYPICAL WIRING

Single Motor Reversing Circuit

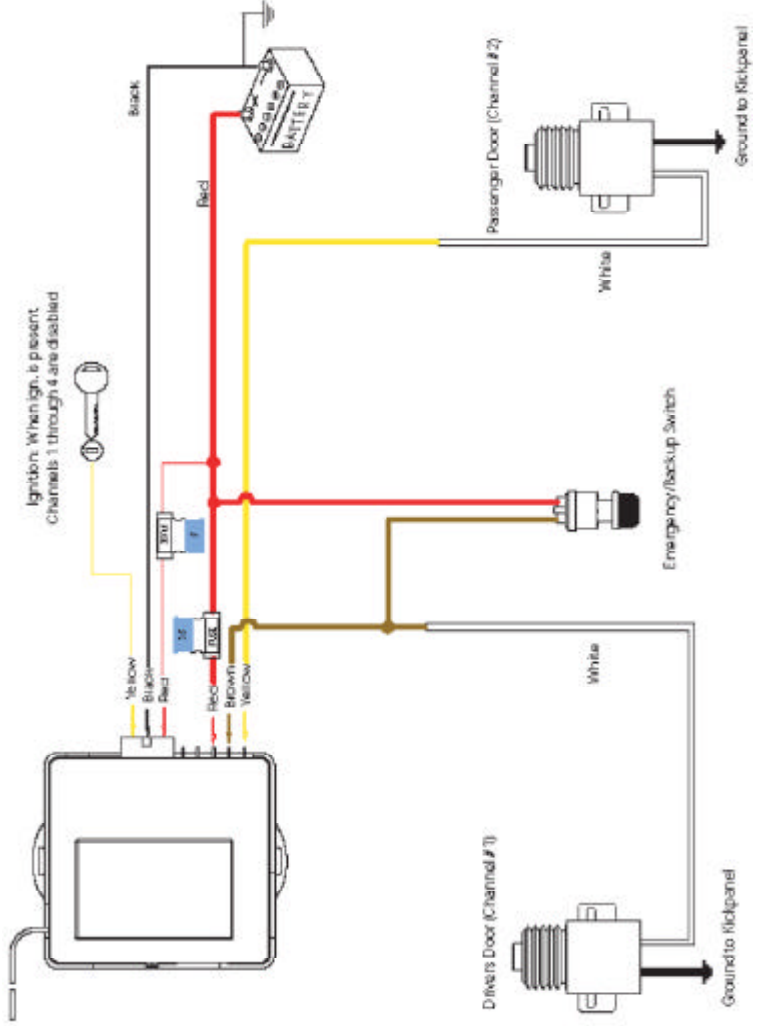
Channels 3 and 4 Using Optional Automotive Relays



TYPICAL WIRING

Vehicle Door Locking Circuit

Channels 1 and 2 Using Optional Door Lock Solenoids



WARRANTY STATEMENT

Iowa Export-Import warrants this product to be free from defects in material and workmanship for a period of one (1) year from the date of sale to the original purchaser, and not more than two (2) years from the date of manufacture. Iowa Export-Import will repair or replace this product free of charge if, in the judgment of Iowa Export-Import it has been proven defective within the warranty period. The product should be returned at customer expense, to Iowa Export-Import, 512 Tuttle Street, Des Moines, Iowa 50309. This warranty does not cover any expense incurred in the removal and/or reinstallation of the product.

This warranty does not apply to any product damaged by improper installation, accident, misuse, improper line voltage, water (unless the product is specified to be IP65 compliant), alteration or repairing by anyone other than Iowa Export-Import.

This warranty is in lieu of other warranties expressed or implied, including warranty of merchantability. No person is authorized to assume for Iowa Export-Import any other liability concerning the sale of this product.