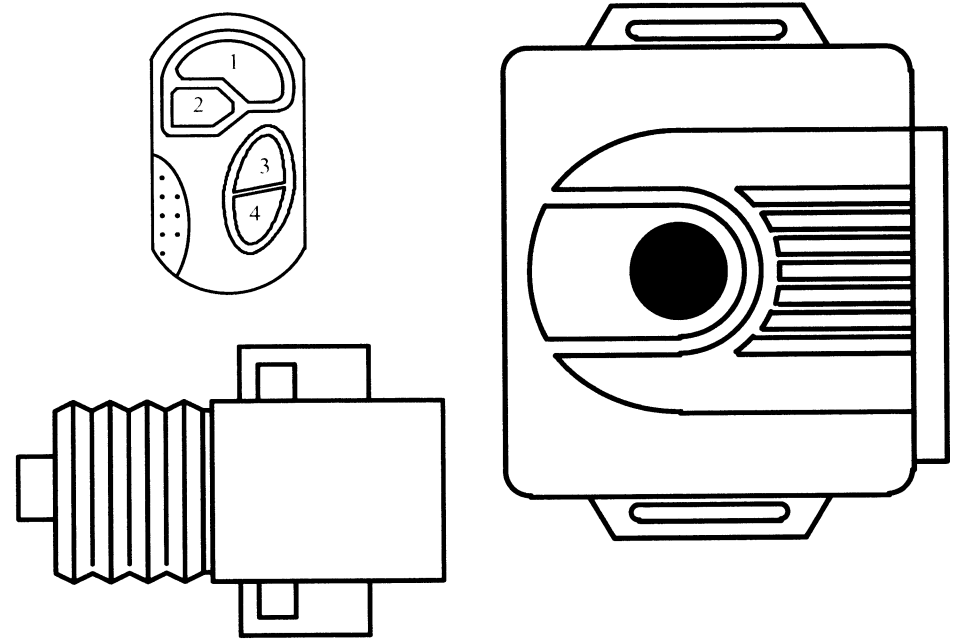


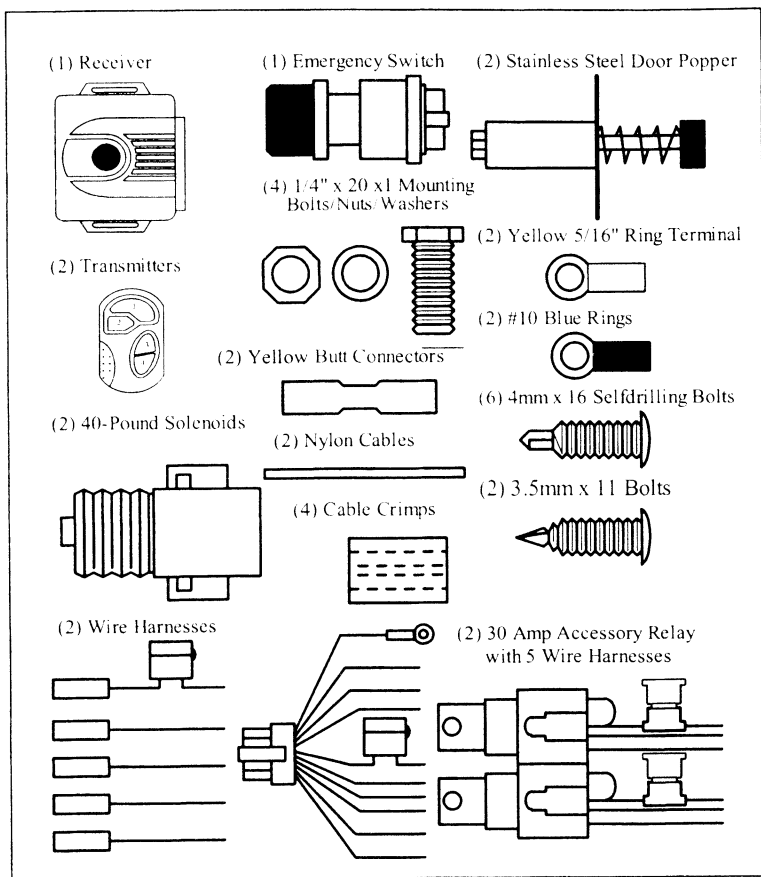
# WS-8742



## SHAVED DOOR KIT

**Installation manual &  
Operation Instructions**

## Each Kit Contains The Following Components



### Installation Instructions for WS-8742 shaved door Handle Kit

This kit is designed to operate two or more functions. Both doors and five other functions can be controlled by the four-button remote control. The additional channels can be used to operate power door locks, power door releases, trunk releases, control linear actuators, or roll up or down power windows.

Channels 1 and 2 are positive outputs. Channels 3 through 7 are all negative outputs. Please refer to the diagrams on page 7 of this instruction manual for positive, negative, and reverse polarity diagrams.

**\*\*Proper wiring is critical to the correct operation of this product. Make sure all wires are properly connected, properly grounded, free of potential damage, and are correctly fused\*\***

## Operation Section

### Basic Functions of the WS-8742 Shaved Door Kit

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

- Channel 1 : Open driver's door
- Channel 2 : Open passenger's door
- Channel 3 :
- Channel 4 :
- Channel 5 : **Optional negative outputs (250 milliampere)**
- Channel 6 : **\*\*Additional relays are required for each channel\*\***
- Channel 7 : **(See Page 7 For Wiring Diagrams)**

#### 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

## Programming Section

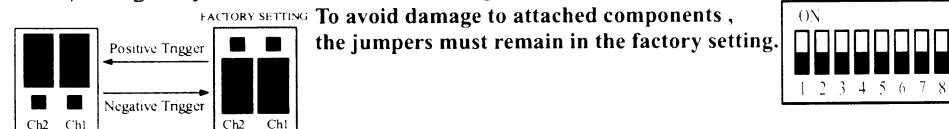
### Reprogramming the Remote Transmitters :

**\*\*This Shaved Door kit can accept up to 4 WS-8742 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 instructions:

- Make sure ignition is OFF.
- Loosen 1 screws and take off the cover on receiver.
- The programming button is located on the side of the receiver, next to the LED.
- Press the programming button 3 times quickly (The LED will light on).
- Press Button (1) on each transmitter you want learned in to the receiver (one at a time). There is a 30 second window once programming sequence is started.
- The LED will remain light for approximately 10 seconds after the last remote transmitter has been recognized.
- wait for the LED goes out. Then test each remote transmitter for proper function.
- Remember to install the cover back.

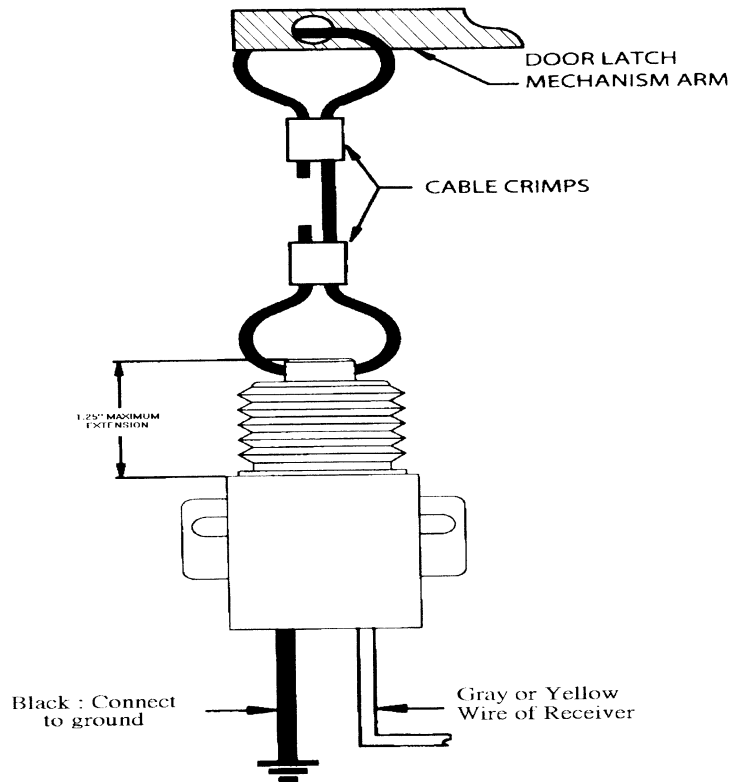
### DIP Switch / Jumper Settings:

For optional performance, all switches should be in the OFF position. If switches are in the ON position, damage may be occurred to attached components.



## Mounting / Wiring Section

- The solenoids provided in the WS-8742 kit can be mounted horizontally or vertically (with the plunger UP) to the door with the provided hardware.
- Attach the solenoid to the door latch with the supplied cable and cable crimp. Loop the cable through the solenoid and the door latch and crimp the two ends together with the cable crimp.



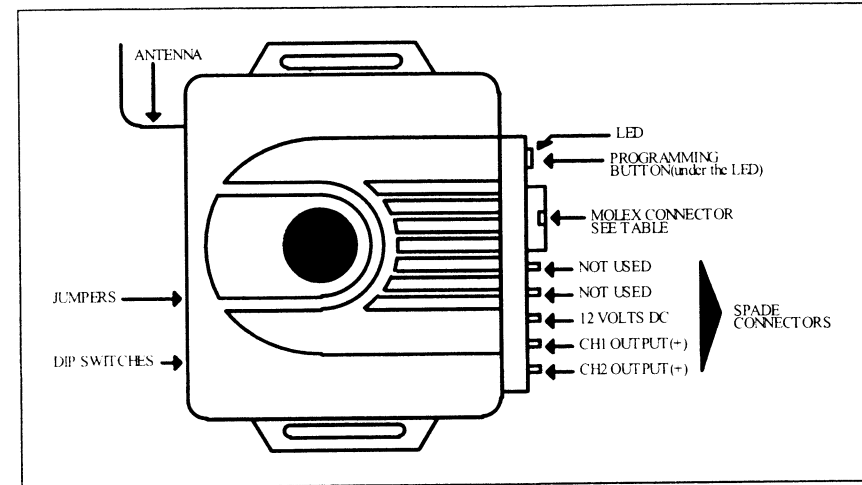
### Solenoid Wiring:

- Attach the white wire of the Drive Door Solenoid to the Gray wire (large gauge/channel 1, from spade connector harness) of the receiver.
  - Attach the white wire of the Passenger Door Solenoid to the Yellow wire (large gauge/channel 2, from spade connector harness) of the receiver.
  - Connect the remaining black wire of the solenoid to a ground located on the vehicle body. (The door is not a proper grounding source!)
- \*\*A mechanical backup switch should be utilized in the case of power failure. (See the optional wiring section)\*\*

## Mounting/Wiring Section

### Receiver Mounting Wiring:

- \*\*The receiver must be mounted inside the vehicle to avoid moisture\*\*
- \*\*Do not plug in the receiver module until all the wiring is completed!\*\*
- \*\*Do Not Ground the Antenna!\*\*



Molex Connector			Spade Connectors	
Pin#	Wire Color	Circuit	Wire Color	Circuit
1	Black	Ground	Violet	Not Used
2	Green	Not Used	Orange	Not Used
3	Purple	Channel 7	Red	Positive 12 VDC
4	Blue	Channel 5	Gray	Channel 1
5	Orange	Channel 3	Yellow	Channel 2
6	Red	Positive 12 VDC		
7	Yellow	Ignition		
8	Gray	Not Used		
9	White	Channel 6		
10	Brown	Channel 4		

### Notes:

Connecting the YELLOW (ignition) wire will disable Channels 1-4 while the ignition key is ON.

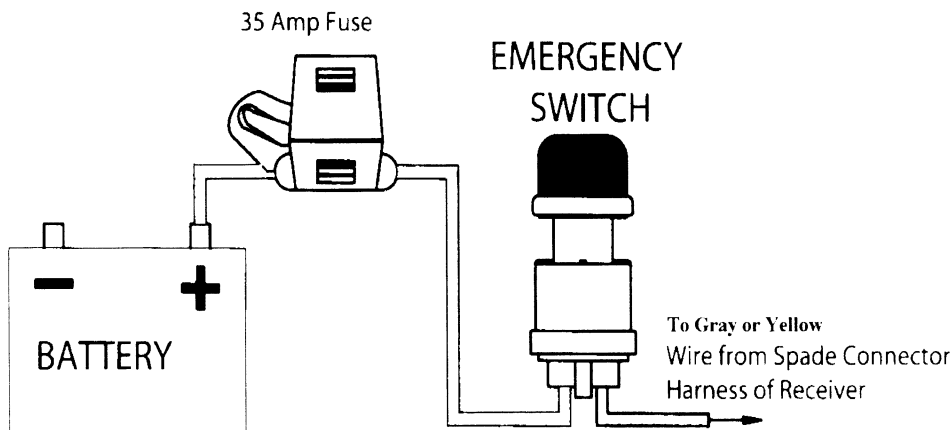
The unit will stop operating for 30 seconds if any combination of the Remote Control Button 1 and /or 2 are pressed eight (8) times in 30 seconds. After 30 seconds the unit will automatically reset to standard operating mode.

# Optional Wiring Section

## Emergency/Backup Switch (include in kit):

It is strongly recommended that an emergency/backup switch be mounted outside the vehicle in the case of lost transmitters or keys locked in the vehicle.

\*\*A mechanical backup switch is available. \*\*



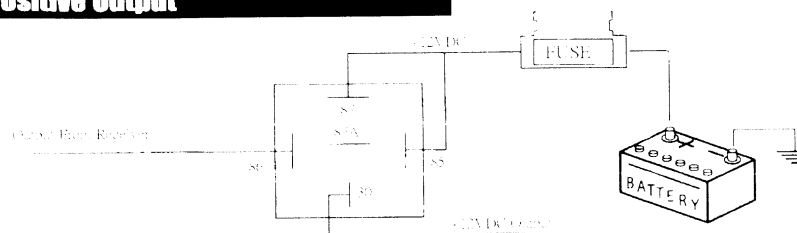
Item to be Activated	Description of Function	Relay Type	# of Relays Required	Diagram
1 power window motor	Move window up & down	SPDT	2	Reverse
1 power window motor	Move window one direction	SPDT	1	Reverse
Linear actuator	Move in & out	SPDT	2	Reverse
Solenoid	Activate Solenoid	SPST	1	Positive or Negative
Trunk Release	Open the Trunk	SPST	1	Positive or Negative
Door lock actuator	Lock & unlock	SPST	2	Reverse

SPST =Single pole single throw relay, 30 or 40 amp  
 SPDT =Single pole double throw relay, 30 or 40 amp

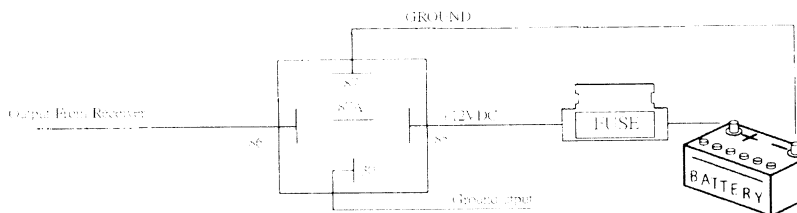
Relay can be purchased from your local auto parts store.

# Optional Wiring Diagrams

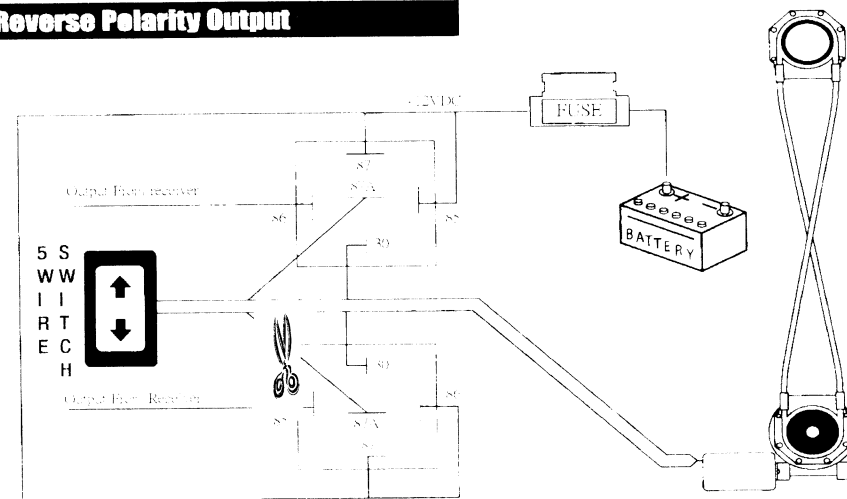
## Positive Output



## Negative Output



## Reverse Polarity Output



Power Window

\*\*In a reverse polarity system, a switch that rests at ground must be used.\*\*  
**Motor**  
 FOR POWER WINDOWS TWO RELAYS MUST BE PLACED BETWEEN THE SWITCH AND THE WINDOW MOTOR. THE DASHED LINES INDICATES WHERE THE WIRES MUST BE CUT.



# SHAVED DOOR KIT

## WS-8742

### Limited Warranty Statement

We 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. We will repair this product free of charge if, in the judgment of WS-8742, it has been proven defective within the warranty period. The product should be returned, at the customer expense, to the location of original purchase. This warranty does not cover any expenses incurred in the removal and/or reinstallation of the product.

This warranty does not apply to any product damaged by improper installation, accidental misuse, abuse, improper line voltage, fire, flood, lightning, or other acts of God, or a product altered or repaired by anyone other than manufacturer.

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

**IMPORTANT-KEEP YOUR INVOICE WITH THIS WARRANTY STATEMENT!**

**Design and specifications are subject to change without notice.**

**Printed in Taiwan**

### FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/ TV technician for help.

#### CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

#### Statement:

**This device complies with Part 15 of the FCC Rules.  
Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference and  
(2) this device must accept any interference received, including interference that  
may cause undesired operation.**

**S/N:**

**Made in Taiwan**