



## MODEL: GMDLBP

GM Doorlock Alarm & Transponder/Passlock Interface

## Installation Guide

### Product Description

Data Bus Doorlock Alarm & GM Passkey/Passlock Interface: Lock/Unlock, Driver's Priority Unlock, Trunk/Hatch, OEM Security Arm/Disarm, Door trigger Output (-) & Override the 2nd /3rd generation GM Passkey3 Transponder Immobilizer & Passlock 2 Immobilizer via data bus. NKR-No Key Required. Formerly 6 separate kits required to do what the GMDLBP can do with one.

### Product Features

- Wire to Wire compatible with any type of remote car starter (W2W).
- Compatible with manufacturer's anti-theft & content theft security systems.
- Maintains integrity of manufacturer's anti-theft immobilizer system.
- No Key Required for operation (NKR).
- Simple 2 step programming.

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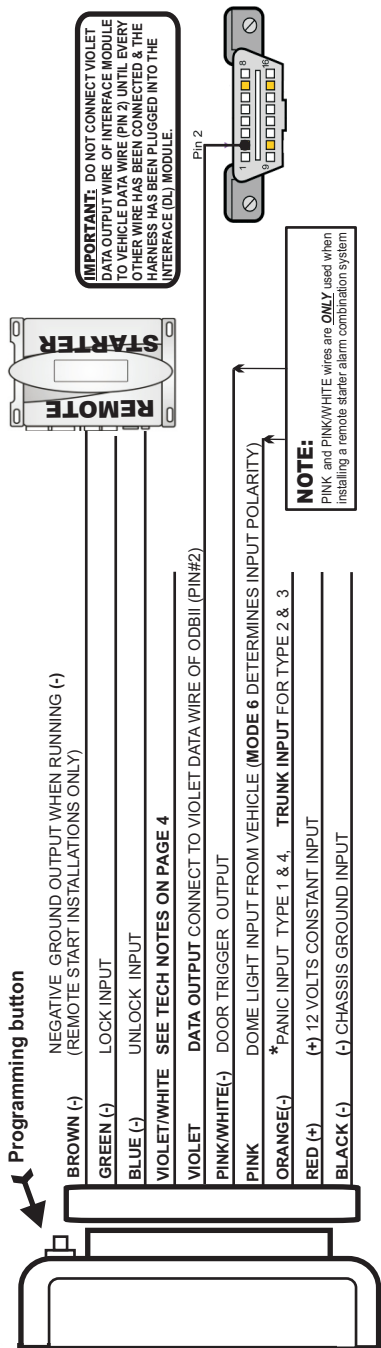
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## Vehicle Compatibility Chart

Vehicle Application Guide	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998
Alero*				2	2	2	2	2		
Ascender			1	1	1					
Aurora					2	2	2			
Avalanche		4	4	4	4					
Bonneville			2	2	2	2	2	2		
Bravada				1	1	1				
Cadillac CTS		2	2	2	2					
Cadillac SRX				2						
Cadillac STS/SLS			3	3	3	3	3	3	3	3
Deville			2	2	2	2	2	2	2	2
Envoy		1	1	1	1	1				
Escalade			4	4	4					
Grand AM*					2	2	2	2	2	
H2 Hummer		4	4	4	4					
Impala LS**			5	5	5	5	5	5		
Le Sabre			2	2	2	2	2	2		
Monte Carlo			5	5	5	5	5	5		
Park Avenue			3	3	3	3	3	3	3	3
Pickup Sierra		4	4	4	4					
Pickup Sierra Classic	4									
Pickup Silverado		4	4	4	4					
Pickup Silverado Classic	4									
Rainier		1	1	1						
SRX			2	2						
SSR			1	1						
Suburban		4	4	4	4					
Tahoe		4	4	4	4					
Trail Blazer		1	1	1	1	1				
Ultra			3	3	3	3	3	3	3	3
Yukon Denali			4	4	4					

\* OEM factory remote equipped only. If the vehicle is not equipped with an OEM keyless, the module will not lock/unlock or open the trunk.

\*\* The module will only do the Bypass on this platform.



\* If you select type 1 or 4, applying a ground pulse to this wire will turn on the panic mode. To turn it off, send another pulse to this wire. However, if you select type 2 or 3, applying a ground pulse will open the trunk.

GMDLBP is designed to operate on any one of 5 possible vehicle platform types. Once the GMDLBP has been successfully connected, the next step is to program the GMDLBP to operate on the appropriate Vehicle Platform Type. See *Vehicle Compatibility Chart on page 2*.

**\*See Vehicle Compatibility Chart on page 2.**  
**DEFAULT VEHICLE PLATFORM SETTING IS TYPE 1**  
**IF THIS IS THE VEHICLE PLATFORM REQUIRED SKIP TO "STEP 2".**

- 1) To change the Vehicle Platform Setting, press and release the program button until the LED flash rate is the same as the TYPE of vehicle required. The number of flashes from the LED confirms the Vehicle Platform Type that has been selected. Ex: 1 flash = TYPE 1, 2 flashes = TYPE 2, and so on...
- EX:** if TYPE 4 is required: Please note the module is already in Vehicle Platform TYPE 1. Press the programming button to advance to the next TYPE selection (3X times in total). The LED will then flash 4 times to confirm TYPE 4 selection.
- 2) Once Vehicle Platform Type has been selected, press & hold program button until LED blinks once to confirm setting is saved & ready to program to vehicle.
- 3) Release programming button and the LED will come ON solid.
- 4) Start the vehicle with the ignition key: The LED will turn off confirming the GMDLBP is programmed to the vehicle.

**!** Before programming the module, start the vehicle once and let it run for a few seconds, then turn the engine off.

## Programming Option Mode

1-Press and hold the Programming button for 2 seconds. The LED will flash for approximately 3 seconds, PAUSE, then flash once more to indicate entry into MODE1 (DOORLOCK SELECTION).

2-To advance to next MODE, press the Programming button again. The LED will flash to confirm what MODE you are in. Ex: 1 flash = MODE 1, 2 flashes = MODE 2, and so on...

3-Once you have entered the required MODE: you may then change your options. Advance the OPTION by pressing the LOCK or UNLOCK button from your aftermarket transmitter.

4-The vehicle will chirp once (1X) or twice (2X) to indicate option level.

5-To exit the OPTION PROGRAMMING: Press and hold the program button until the LED flashes once (1X).

6-To return or change another OPTION, go to step 1.

### OPTION PROGRAMMING CHART

Mode Selection	Option Programming *Default Value
Mode1:Doorlock output	*Option 1: 1st PULSE: Driver Priority Function 2nd PULSE: Unlock all doors Option 2: 1st PULSE: Unlock all doors
Mode6:Domelight polarity	*Option 1: Positive(+) Polarity Option 2: Negative(-) Polarity
Mode7:Reset Mode	*Option 1: Reset to Default Values

**ONLY MODE 1, 6 AND 7 ARE AVAILABLE**

## Tech Notes

**IMPORTANT:** The GMDLBP will detect all door triggers through the data line for TYPE 2 and TYPE 3 vehicles only. In TYPE 1 and TYPE 4, only the front doors will be detected. You will need to get a signal from the rear doors (- or +) and connect those wires to the pink one. You also need to select the polarity of the rear doors in Mode 6.

When the interface kit detects an open door thru the data line, it will send a (-) negative trigger on the PINK/WHITE: [door trigger output (-)] wire.

**\*\*BROWN (-)** For reliable conversion of analog to digital, all (-) input wires require a solid ground to activate each command function. Relays are not required except in cases in which the output(s) ground signal is insufficient. (Example: transistor +/- doorlock outputs)

**\*\*\*VIOLET/WHITE (-)** Connect this wire to disarm wire from remote car starter ONLY if the OEM alarm sounds once when remote starting vehicle.

**\*\*\*ORANGE (-)** In a Type 1 & 4 installation the orange wire can be used to activate the vehicles panic mode as long as the remote system has a dedicated panic output. A horn output is not suitable since it is also used to provide confirmation chirps, etc... Which will result in triggering the panic function.

## Tech Tips

If the module is not resetting, turn the key to the ON position and start the vehicle. This will turn on the BCM. Once the reset is complete, you will be able to select the platform you need (1 to 5).

## Limited One-Year Consumer Warranty

For a period of ONE YEAR from the date of purchase of a Directed Electronics remote start or security product, Directed Electronics. ("DIRECTED") promises to the original purchaser, to repair or replace with a comparable reconditioned piece, the security or remote start accessory piece (hereinafter the "Part"), which proves to be defective in workmanship or material under normal use, provided the following conditions are met: the Part was purchased from an authorized DIRECTED dealer; and the Part is returned to DIRECTED, postage prepaid, along with a clear, legible copy of the receipt or bill of sale bearing the following information: consumer's name, address, telephone number, the authorized licensed dealer's name and complete product and Part description.

This warranty is nontransferable and is automatically void if the Part has been modified or used in a manner contrary to its intended purpose or the Part has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defect in materials or construction.

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This Interface kit / Data Bus Interface part has been tested on the listed vehicles. Other vehicles will be added to the select vehicle list upon completion of compatibility testing. Visit website for latest vehicle application guide. **DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the bypass kit / data bus interface part(s) be held liable for any consequential damages sustained in connection with the part(s) installation. The manufacturer and its distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the interface kit / data bus interface part(s) other than its replacement. N.B.: Under no circumstances shall the manufacturer and distributors of this product be liable for consequential damages sustained in connection with this product and neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than the replacement of this product only.

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