

# Platform # 01

# Firmware: GMDL5X

Installation Manual

(1/2 Pages)

**Description:** Door Lock, Alarm and Trunk Control Interface (No Key Required)

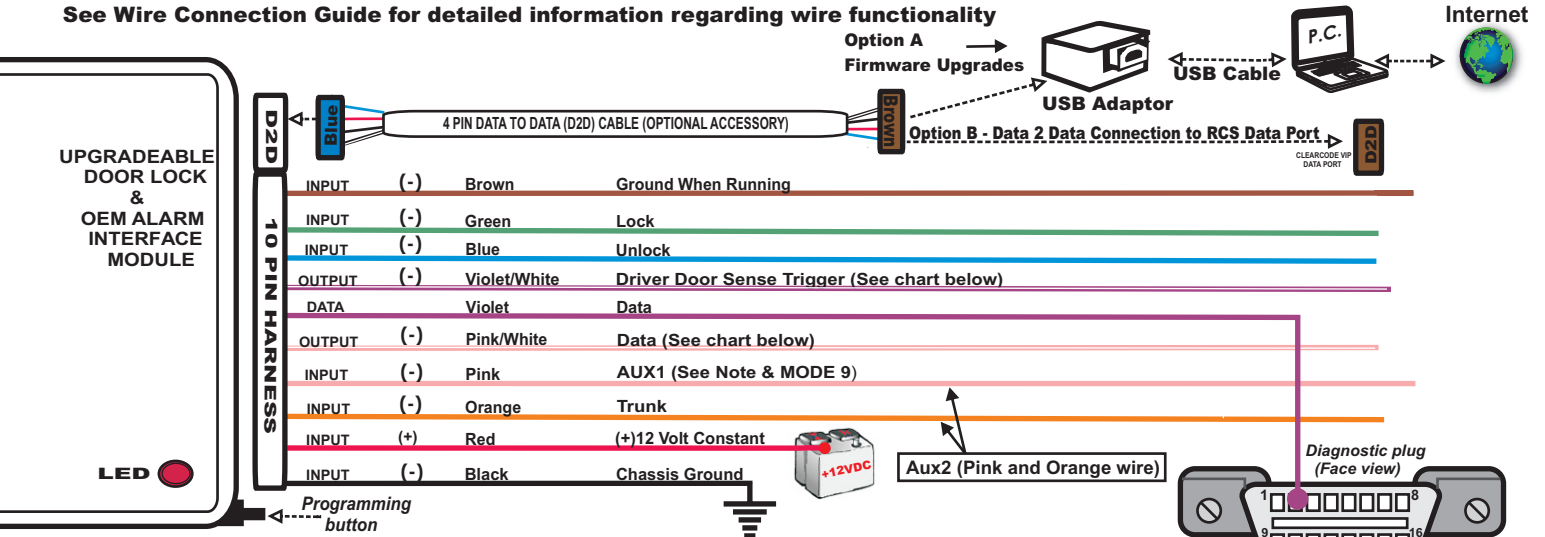
**Functions:** Lock/Unlock, Driver's Priority Unlock, Trunk/Rear Glass, OEM Security Arm/Disarm, Data to Analogue, Door Trigger Output (-), Hood Trigger Output (-)

Downloadable Firmware for Platform# 01: AMDL, FODL, GMDL6, GMDL7, HODL4, HYDL, KIADL, KIADL2, TOYDL, VWDL, VWDL2

**WARNING:** Before beginning your install go to [www.INTELLIKITS.com](http://www.INTELLIKITS.com) and be sure to print the LATEST corresponding installation manual for the firmware that is flashed to the platform you are using.

## Section A

See Wire Connection Guide for detailed information regarding wire functionality



## VEHICLE WIRING REFERENCE CHART

VEHICLE Model & Year	BCM LOCATION	RAP & REARM WIRE (Violet/White from module) Color & Location	DATA OUTPUT WIRE (Pink/White from module) Color & Location	PARKING LIGHT WIRE (Orange from module) Color & Location
Cobalt 2005-2006 Pursuit 2005-2006	center console	Gray/Black wire at BCM: J1 Connector - pin 22	Tan/White wire at BCM: C2 connector - pin 12	Brown/White wire at BCM: C2 connector, PIN 5
Malibu G6 2004-2006 2005-2006	center console	Gray/Black wire at BCM: J1 Connector - pin 51	Light Green wire at BCM: C2 connector - pin 12	Brown/White wire at BCM: C2 connector, PIN 5
Uplander 2005-2007 Terraza 2005-2007 Relay 2005-2007 Sv6 2005-2007	left side of steering column	Tan wire at BCM: C2 Connector - pin 25	Tan/White wire at BCM: C1 connector - pin 37	Brown/White wire at BCM: C1 connector, PIN 10
Grand prix 2004-2007 Buick Allure 2005-2007 Buick Lacrosse 2005-2007	left side of steering column	Tan wire at BCM: C2 Connector - pin 25	Black/White wire at BCM: C1 connector - pin 37	White wire at BCM: C1 connector, PIN 10

## Section B

## WIRE GUIDE: CONNECTIONS

10 PIN HARNESS → D2D = Optional use of 4 Pin Data to Data (D2D) cable will replace the analogue wire (w2w) connection

PIN#	WIRE COLOR	D2D w2w	I/O STATUS	(-) / (+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	D2D w2w	Input	(-)	RCS	Ground When Running output of remote starter	Relock & Rearm OEM Security
2	Green	D2D w2w	Input	(-)	RCS	(-) Lock	Lock All Doors
3	Blue	D2D w2w	Input	(-)	RCS	(-) Unlock	Unlocks All Doors (See User Settings, MODE 1)
4	Violet/White	D2D w2w	Output	(-)	RCS	Connect to Driver Door Sense Trigger	
5	Violet		Data		Vehicle	On Board Diagnostic Connector (OBDII) PIN 2 Face View Under Dash on Driver Side (See Fig.1)	Data Commands from Module to Vehicle
6	Pink/White	D2D w2w	Output	(-)	RCS	Data (See Vehicle Wiring Reference Chart)	
7	Pink	D2D w2w	Input	(-)	RCS	AUX1 (See Vehicle Wiring Reference Chart)	
8	Orange	D2D w2w	Input	(-)	RCS	Trunk	Opens Trunk
9	Red	D2D w2w	Input	(+)	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	D2D w2w	Input	(-)	Vehicle	Chassis Ground	Ground Source

**Legend** RCS = Remote Control System N/C = No Connection N/A = Not Applicable W2W= analogue wire to wire D2D= data 2 data

**DATA to DATA PORT (D2D):** Blue connector of D2D Cable plugs into the upgradeable vehicle interface module.

OPTION A: - D2D Port used to connect to USB Bootloader adaptor & computer to download & flash vehicle interface firmware.

OPTION B: - D2D Port used to connect to the data port of a remote control system equipped with ClearCode Vehicle Interface Protocol.

Remote control systems designed with ClearCode VIP can securely communicate via the D2D cable to transmit & receive data commands which initiate specific vehicle function such as doorlocks & immobilizer override and /or request information from the vehicle such as status of entry points (doors) or ambient temperature, diesel glow plug etc. ClearCode VIP represents the doorway to vehicle integration.

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## Section C

### **USER SETTINGS: OPTION PROGRAMMING**

1-Key "OFF" position, press and hold program button for 2 seconds, LED will flash rapidly for 2 seconds. Release button, LED will show first MODE with slow flash and second will show option with fast flash.

2-To change MODE, push button one time, LED will confirm MODE with slow number of flash.

**NOTE: ONLY MODE 8 AND 9 ARE AVAILABLE**

3-To change OPTION into selected MODE, press LOCK or UNLOCK with remote of alarm or remote starter. LED will show option with fast flash.

4- To save and exit programming, push and hold button until LED flash one time rapidly, showing end of OPTION programming.

**USER MODES ARE IDENTIFIED BY A SLOW LED FLASH PATTERN; FOLLOWED BY A FAST FLASH CONFIRMING OPTION.**

Example: 8 SLOW FLASH = MODE 8, FOLLOWED BY 1 FAST FLASHES = OPTION 1

### **MODES AND OPTIONS LIST**

#### **MODE 8 - RESET OPTION**

\*OPTION 1 = No Reset

OPTION 2 = Complete reset of OPTION and module (default)

#### **MODE 9 - Optional function programming of Pink, Orange and Orange with Pink wires.**

You now have 10 seconds to program the desired function, (the LED will turn off if delay is longer)

1. Put wire(s) to be programmed to ground (-)
2. Press on the factory remote button which you want to associate to the wire(s).
3. The LED turns off, the procedure is now successful.
4. Take off wire(s) from ground.  
The function is now programmed.

It is possible to program multiple functions on the same wire(s).

**EXAMPLE:** FOR TRUNK RELEASE: it might be required to unlock doors (disarm factory alarm), trunk release and then relock doors (to rearm factory alarm). To program these three functions on the same wire(s), go to step 1 and then repeat step 2 for each of the desired functions, but not exceeding a 1 second delay between each press of the factory remote button function. The functions will be replayed in the same order as they were learned.

\*Default value

## Section D

### **WHEN INSTALLED WITH RFTD - HOW TO REMOTE START**

To remote start the vehicle, press and release the lock button on the transmitter, then immediately press the start button. The vehicle parking light will be illuminated to indicate that the engine is running and will run for 10 minutes.

While the vehicle is running with remote starter, press and release the transmitter lock button, then press the start button. This will extend running time for 10 minutes.

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 it's 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.