

# 1701G1

## GM DOOR LOCK, ALARM AND TRUNK CONTROL INTERFACE XK01-GMDL6X

Installation  
Manual  
(13 Pages)

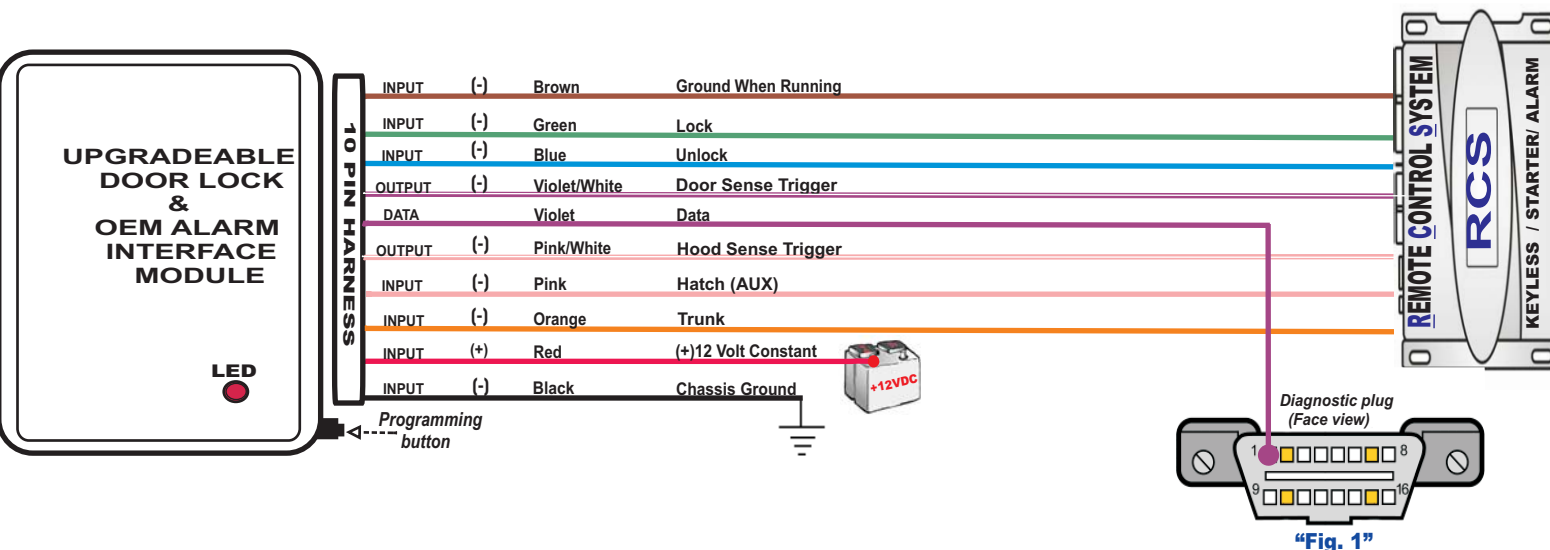
**Description:** GM Door Lock, Alarm and Trunk Control Interface

**Functions:** Lock/Unlock, Driver's Priority Unlock, Trunk/Hatch, Sliding Door Left & Right , OEM Security Alarm Arm/Disarm, Data to Analogue Door Trigger Output (-)

**IMPORTANT!** Please read this installation guide thoroughly before installing the 1700G1. Use only a high quality digital multi-meter for testing. This product connects to the vehicle's low voltage signal wire and improper installation or testing can result in damage to the vehicle. Never use a test light or logic probe to test wires in this vehicle!

### Section A

SEE WIRE CONNECTION GUIDE FOR DETAILED INFORMATION REGARDING WIRE FUNCTIONALITY



### 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	VEHICLE TYPE	D2D w2w	I/O STATUS	(-) /(+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	N/A	D2D w2w	Input	(-)	RCS	Ground When Running output of remote starter	Relock & Rearm OEM Security
2	Green	N/A	D2D w2w	Input	(-)	RCS	(-) Lock Output	Lock All Doors
3	Blue	N/A	D2D w2w	Input	(-)	RCS	(-) Unlock Output	Unlocks All Doors (See User Settings, MODE 1)
4	Violet/ White	N/A	D2D w2w	Output	(-)	RCS	Door Sense Trigger	Detects Doors status (open/closed) via data bus then converts to an analogue output (-)
5	Violet	N/A		Data		Vehicle	On Board Diagnostic Connector (OBDII) PIN 1 (Green) Face View Under Dash on Driver Side (See Fig.1)	Data Commands from Module to Vehicle
6	Pink/ White	N/A	D2D w2w	Output	(-)	RCS	Hood Sense Trigger	Detects Hood Status Open/Close via Data Bus then converts to an analogue output (-)
7	Pink	N/A	D2D w2w	Input	(-)	RCS	(-) Hatch (AUX) Output	Open/Close Power Hatch on SUV Type Vehicles
8	Orange	N/A	D2D w2w	Input	(-)	RCS	Trunk Output	Opens Trunk on Cars & Opens Rear Glass on SUV Type Vehicles
9	Red	N/A	D2D w2w	Input	(+)	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	N/A	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

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### Section C

## **VEHICLE PROGRAMMING:**

- 1) Once the module has been properly connected, LED comes **ON**.
- 2) Turn key to **IGNITION** position, LED goes **OFF**. Module is now programmed.

### Section D

## **USER SETTINGS - OPTIONAL PROGRAMMING:**

**NOTE: When using D2D, Driver's Priority is not available.**

**USER MODES** are identified by a slow LED flash pattern. 1 slow flash=Mode1, 2 slow flashes=Mode 2 etc.

- 1) Key "OFF" position, **press** and **hold** program button for 2 seconds, LED will flash rapidly for 2 seconds. Release button, LED will identify the MODE selection with a slow flash pattern (1- 8 slow flashes) and then will identify OPTION selection with a fast flash pattern. (1 or 2 fast flashes)
- 2) To change **MODE**, **push button** one time, LED will confirm **MODE** with slow flash pattern (1-8 slow flashes).
- 3) To change OPTION SELECTION within a MODE, **press LOCK or UNLOCK** button on the aftermarket remote control system. LED will identify option selection with either one or two fast flashes.
- 4) To save and exit programming, **press** and **hold button** until LED flashes one time rapidly, showing end of OPTION programming.

\* = Default

<b>MODE 1 =</b>	<b>*OPTION 1:</b> 1st Pulse Unlock All Doors (Default)	<b>OPTION 2:</b> 1st Pulse Unlock Driver Door, 2nd Pulse Unlock All Doors
<b>MODE 8 =</b>	<b>*OPTION 1:</b> No reset (Default)	<b>OPTION 2:</b> Complete reset of option and module

**Description:** GM Door Lock, Alarm and Trunk Control Interface

### LIMITED ONE-YEAR CONSUMER WARRANTY

For a period of ONE YEAR from the date of purchase of a Directed Electronics remote start or security accessory product, Directed Electronics. (hereinafter "DIRECTED") promises to the original purchaser, to repair or replace (at DIRECTED's election) 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 in the United States; 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, date of purchase and complete product and Part description.

This warranty is non-transferable and is automatically void if the Part has been modified or used in a manner contrary to its intended purpose or if the Part has been damaged by accident, abuse, unreasonable use, neglect, water, theft, improper service, installation or other causes not arising out of defect in materials or construction. This warranty is automatically void if any Part has had the serial number defaced, altered, or removed. This warranty is automatically void if the Part has had Repair Service performed by anyone other than the Directed Repair Department. This warranty does not cover damage to any Part caused by installation or removal of the Part or any system related thereto. This warranty does not cover labor costs for the removal or reinstallation of the Part.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED TO THE MAXIMUM EXTENT PERMITTED BY LAW; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED HEREBY DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING DEALERS OR INSTALLERS. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER'S PURCHASE PRICE OF THE PART. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE.

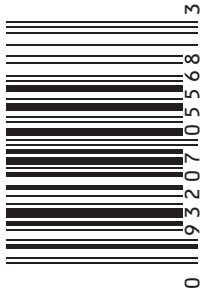
Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights and you may also have other rights that vary from State to State. DIRECTED does not and has not authorized any person or entity to create for it any other obligation, promise, duty or obligation in connection with this Part.

### 1701G1 Compatibility Chart

<b>Buick</b>	<b>2007</b>	<b>2006</b>
Lucerne		
<b>Cadillac</b>	<b>2007</b>	<b>2006</b>
DTS		
Escalade		
SRX		
<b>Chevrolet</b>	<b>2007</b>	<b>2006</b>
Avalanche		
Equinox		
Impala		
Monte Carlo		
Silverado		
Suburban		
Tahoe		
<b>GMC</b>	<b>2007</b>	<b>2006</b>
Acadia		
Sierra		
Yukon		
<b>Pontiac</b>	<b>2007</b>	<b>2006</b>
Torrent		
<b>Saturn</b>	<b>2007</b>	<b>2006</b>
Outlook		
<b>Suzuki</b>	<b>2007</b>	<b>2006</b>
XL7		

**Number of keys required to program kit:** 1

**Number of keys required for kit operation:** 0



# 1701G1

**GM Door Lock, Alarm & Trunk Control  
Interface XK01-GMDL6X**

# **Directed**<sup>®</sup>

E L E C T R O N I C S

### PRODUCT DESCRIPTION

1701G1 is a door lock & alarm data bus interface that can be used on a wide selection of domestic and import vehicles. Best known for having the ability to interface with more GM vehicles than any other product on the market. This innovative kit is capable of interfacing with the latest communication networks including CAN.

### PRODUCT FEATURES

- Wire to Wire compatible with any type of remote car starter (W2W)
- Secure single-wire data transfer prevents analogue override activation
- Compatible with manufacturer's anti-theft & content theft security systems
- Maintains integrity of manufacturer's anti-theft immobilizer system
- Maintains integrity of manufacturer's security and convenience functions
- Compact design, easy to mount
- No Key Required for operation (NKR)
- Simple 2 step programming
- All temperature operation
- High security single-wire data transfer

### PRIMARY PRODUCT FUNCTIONS

Lock/Unlock, Driver's door unlock, Trunk/Hatch, OEM Security Arm/Disarm, Door trigger Output(-). Driver & passenger side sliding door control. NKR - No Key Required.