

# Platform # 510

# Firmware: KIADL

Installation Manual (1\2 Pages)

**Description: KIA Data Bus Door Lock Alarm Interface & Universal Transponder Bypass**

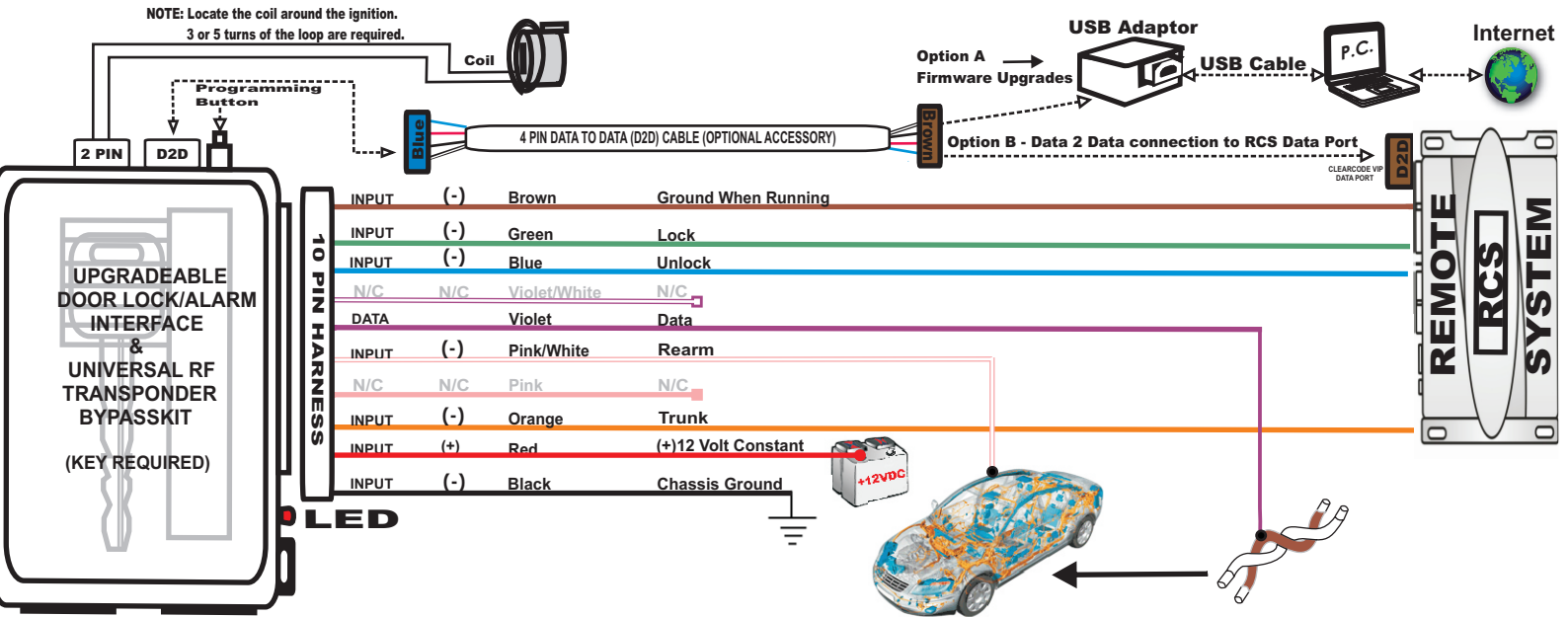
**Functions: Lock/Unlock, Trunk, OEM Security Arm/Disarm (KEY REQUIRED)**

Downloadable Firmware for Platform #510: AMDL, FODL, GMDL6, HODL4, HYDL, KIADL, KIADL2, TOYDL, 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



## 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

WIRE PIN#	WIRE COLOR	D2D w2w	I/O STATUS	(-) / (+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	w2w	Input	(-)	RCS	Ground When Running Output of Remote Starter	RF Transponder Bypass + OEM Security Arm/Disarm
2	Green	D2D w2w	Input	(-)	RCS	Connect to (-) Lock Output wire of RCS	Lock All Doors
3	Blue	D2D w2w	Input	(-)	RCS	Connect to (-) Unlock Output wire of RCS	Unlocks All Doors
4	Violet/White	N/C	N/C	N/C	N/C	N/C	N/C
5	Violet	w2w	Data		Vehicle	Connect to Brown wire of twisted pair from driver's door harness	Data Commands from Module to Vehicle
6	Pink/White	D2D w2w	Input	(-)	RCS	Connect to White/Orange wire in driver's kick panel	Rearms OEM Security
7	Pink	w2w	N/C	N/C	N/C	N/C	N/C
8	Orange	D2D w2w	Input	(-)	RCS	Connect to (-) Trunk Release Output wire of RCS	Trunk Release
9	Red	D2D w2w		(+)	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...When using D2D cable on a Combo kit which includes RF Transponder Bypass, the Brown GWR wire (10 pin), is a required connection.

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 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.

**Description: KIA Data Bus Door Lock Alarm Interface (NO KEY REQUIRED)**

**Functions: Lock/Unlock, Trunk, OEM Security Arm/Disarm**

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## Section C

### **UNIVERSAL TRANSPONDER INSTALLATION:**

- 1) Once the wires have been connected properly, open box and insert key inside wire loop, now close box.
- 2) Wrap coil loop around Key Cylinder, 3 to 5 turns of the loop is required. Installation is complete.

## Section D

### **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.