Description: Volkswagon Door Lock, Alarm and Transponder Interface (KEY REQUIRED)

Functions: Lock/Unlock, OEM Security Arm/Disarm, Door Sense Trigger, Trunk, Hood Sense Trigger
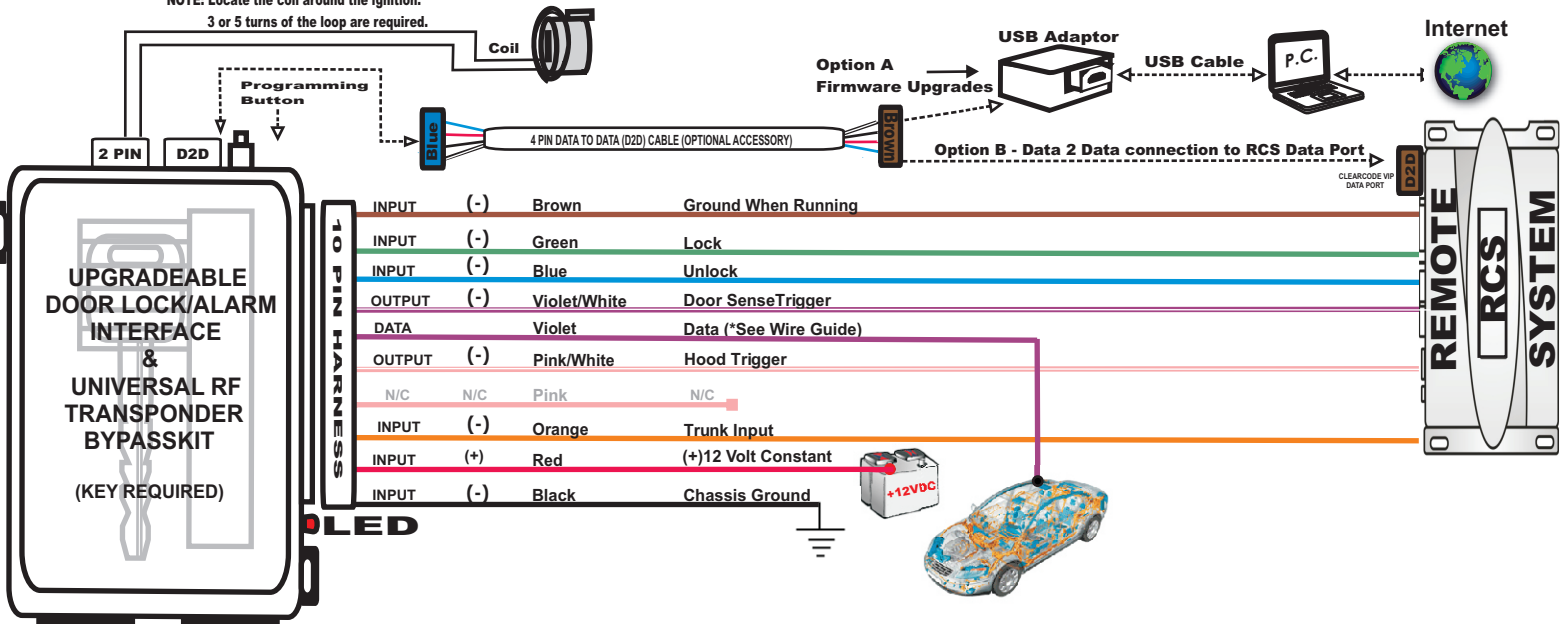
Downloadable Firmware for Platform #510: AMDL, FODL, GMDL6, HODL4, HYDL, KIADL, KIADL2, TOYDL, VWDL2

WARNING: Before beginning your install go to 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

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 Ouput 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	D2D w2w	Output	(-)	RCS	Door Sense Trigger connects to (-) door trigger input wire of RCS	Detects Door status (open/close) via data bus then converts to an analogue output (-)
5	Violet	w2w	Data		Vehicle	Connect to vehicle's Orange/Green data wire coming from driver's door	Data Commands from Module to Vehicle
6	Pink/White	D2D w2w	Output	(-)	RCS	Hood Sense Trigger connects to (-) door trigger input wire of RCS	Detects Hood status (open/close) via data bus then converts to an analogue output (-)
7	Pink	N/C	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	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 température, 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.

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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. The module is now programmed.

Section E

USER SETTINGS - OPTIONAL PROGRAMMING:

NOTE: Only MODE 8 is 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

4) To save and exit programming, **press** and **hold button** until LED flash one time rapidly, showing end of OPTION programming.
Option selection with either one or two fast flashes.

* = Default

MODE 8 = ***OPTION 1:** No reset (Default)	**OPTION 2**: Complete reset of option and module