

Description: Chrysler Dodge Jeep Combo Door Lock Alarm Interface + 1st Generation Chrysler Sentry Key

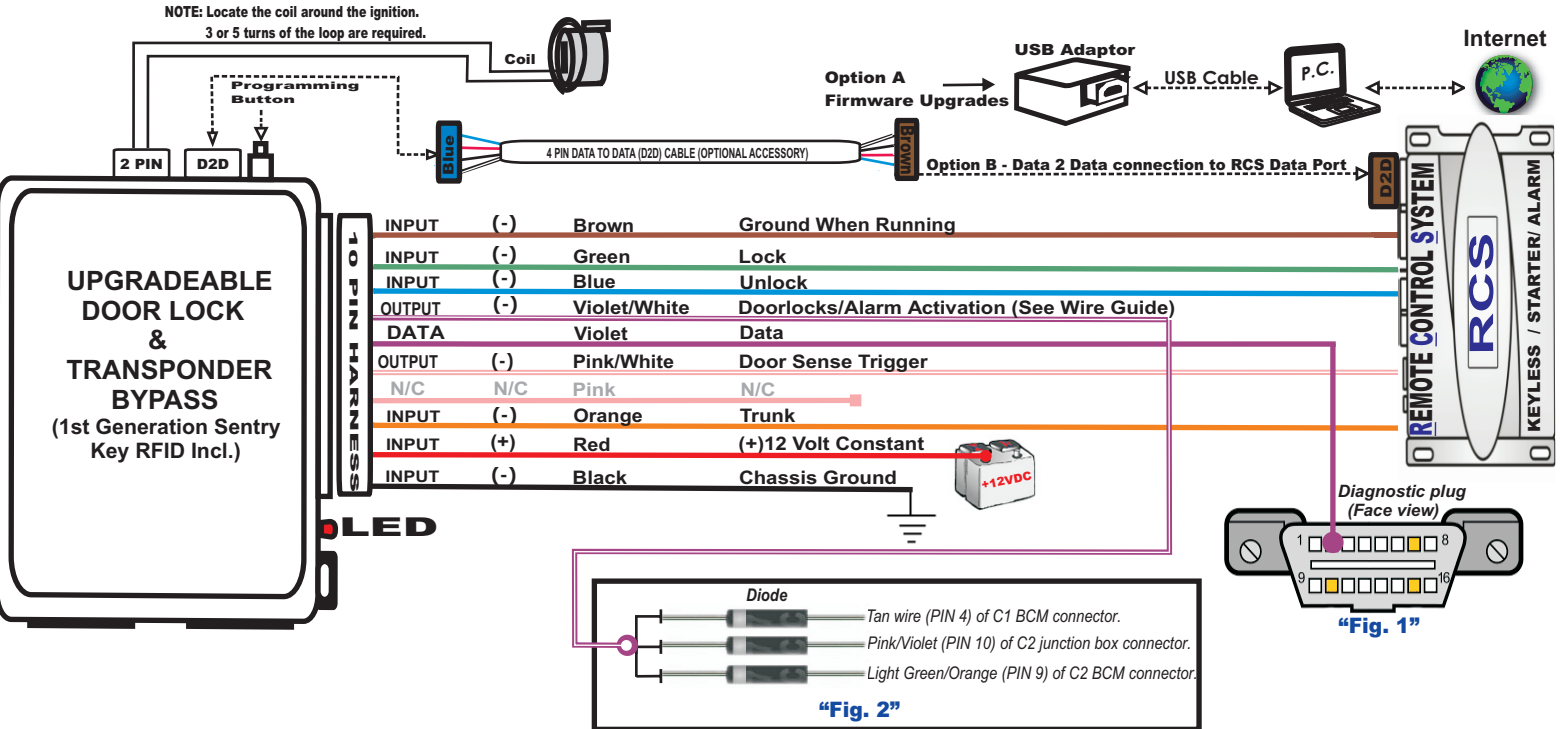
RF Transponder Override (No Key Required)

Functions: Data Bus Interface: Lock/Unlock, Trunk/Rear Hatch, OEM Security Arm/Disarm, RAP Shut-down

Downloadable Firmware for Platform #531: CHDL2, CHDL3, CHDL4, CHDL6+, JDL

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	VEHICLE TYPE	D2D w2w	I/O STATUS	(-) / (+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	N/A	w2w	Input	(-)	RCS	Ground When Running from output of remote starter.	Factory Alarm Arm/ Disarm + RF Transponder 1st Generation Sentry Bypass
2	Green	N/A	D2D w2w	Input	(-)	RCS	Connect to (-) Lock Output wire of RCS	Lock All Doors
3	Blue	N/A	D2D w2w	Input	(-)	RCS	Connect to (-) Unlock Output wire of RCS	Unlocks All Doors
4	Violet/White	N/A	w2w	Output	(-)	Vehicle	BCM (Behind fusebox on drivers side)	Activates Doorlocks and Alarm (See Fig.2)
5	Violet	N/A	w2w	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	N/A	D2D w2w	Output	(-)	RCS	Connect to (-) door trigger input wire of RCS	Detects Doors status (open/closed) via data bus then converts to an analogue output (-)
7	Pink	N/C	N/C	N/C	N/C	N/C	N/C	N/C
8	Orange	N/A	D2D w2w	Input	(-)	RCS	Trunk/Rear Hatch Output	Trunk/Rear Hatch Release
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

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 and 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 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 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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Section C

STEP #1 TRANSPONDER PROGRAMMING MODE

You will need 2 valid ignition keys. Proceed as follows:

- 1) Insert first valid key into ignition and turn the ignition switch **ON** for at least 5 seconds, but no longer than 15 seconds.
- 2) Turn ignition switch **OFF** and remove first key.
- 3) Within 5 seconds insert the second valid key and turn ignition switch **ON**. After 10 seconds a chime will sound and the security light will begin to flash.
Turn ignition switch **OFF** and remove second key.

YOU NOW HAVE SECONDS TO PROCEED WITH NEXT STEP

- 4) For the next 2 steps, position and hold module (transponder side) close and towards the front of the ignition barrel (key cylinder).
(Coil Loop is **not used** during programming)
- 5) With the help of a jumper wire, power up vehicle ignition.
- 6) After 10 seconds, a chime will sound. The security light will stop flashing, then turn **ON** for 3 seconds, then turn **OFF**.
The transponder portion of module is now programmed.

IMPORTANT NOTE:

Once the transponder portion has been programmed to a vehicle, it can not be used on any other vehicle.

STEP #2 DOOR LOCK PROGRAMMING

Once all wire connections have been properly connected:

- 1) Connect module to the 10-pin harness, LED will go **ON** to confirm correct connection.
- 2) Insert key into ignition cylinder, LED will go **OFF**.
- 3) The DATA BUS DOORLOCK INTERFACE MODULE is now programmed.

Section D

VEHICLE PROGRAMMING:

- 1) Once the module has been properly connected, LED comes **ON**.
- 2) Turn key **ON**, LED will turn **OFF**. 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** with of 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 flash one time rapidly, showing end of **OPTION** programming.

* = Default

MODE 8 = *OPTION 1: No Reset (Default)

OPTION 2: Complete reset of option and module