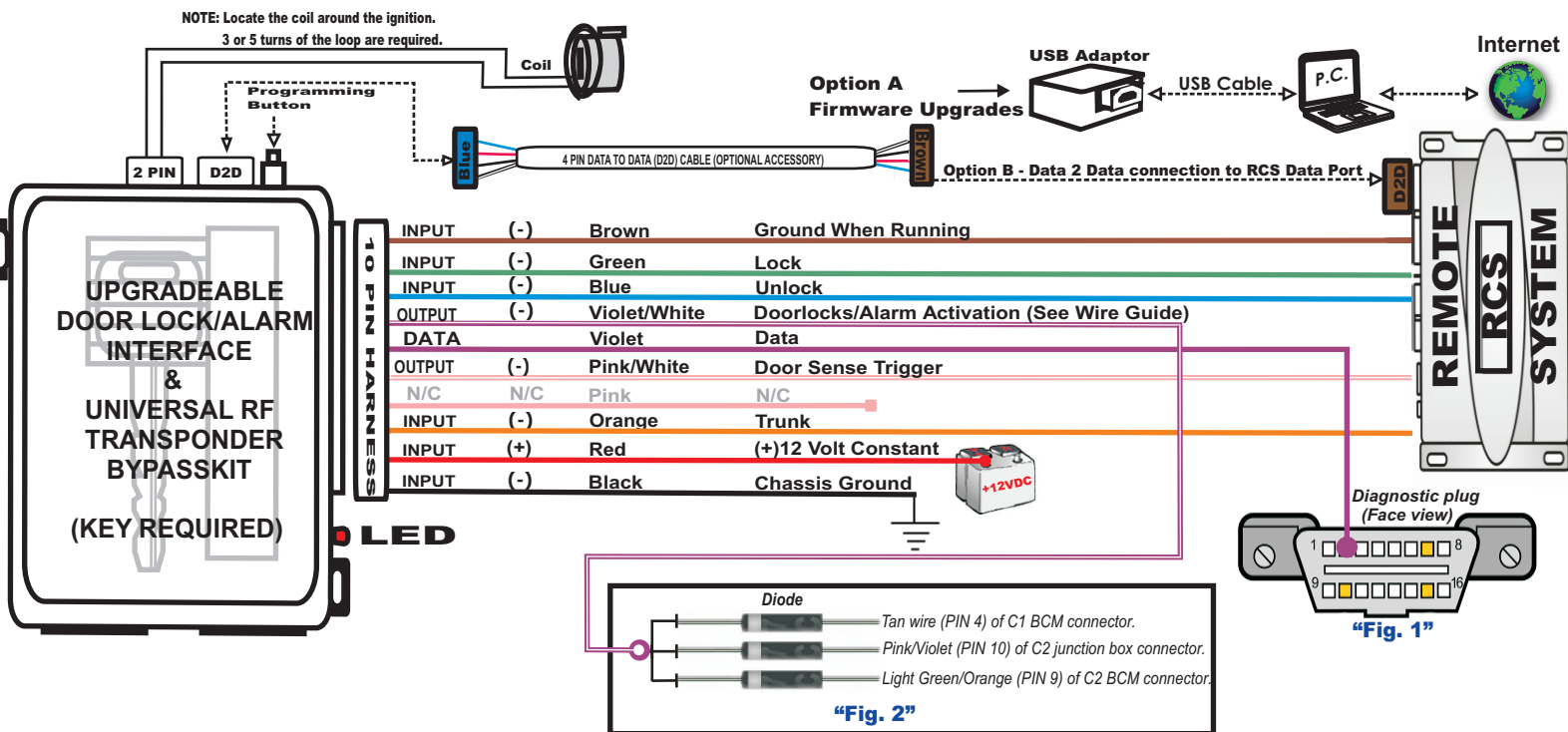**Description:** Chrysler Dodge Jeep Combo Door Lock Alarm Interface & Transponder Bypass (KEY REQUIRED)

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

Downloadable Firmware for Platform #530: CHDL2, CHDL3, CHDL4, CHDL6+, CHDL7, 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**

NOTE: Locate the coil around the ignition.
3 or 5 turns of the loop are required.

Coil

Option A Firmware Upgrades → USB Adaptor ← USB Cable → P.C. ← → Internet

4 PIN DATA TO DATA (D2D) CABLE (OPTIONAL ACCESSORY)

Option B - Data 2 Data connection to RCS Data Port

Programming Button

2 PIN   D2D

UPGRADEABLE DOOR LOCK/ALARM INTERFACE & UNIVERSAL RF TRANSPONDER BYPASSKIT (KEY REQUIRED)

LED

INPUT	(-)	Brown	Ground When Running
INPUT	(-)	Green	Lock
INPUT	(-)	Blue	Unlock
OUTPUT	(-)	Violet/White	Doorlocks/Alarm Activation (See Wire Guide)
DATA		Violet	Data
OUTPUT	(-)	Pink/White	Door Sense Trigger
N/C	N/C	Pink	N/C
INPUT	(-)	Orange	Trunk
INPUT	(+)	Red	(+)12 Volt Constant
INPUT	(-)	Black	Chassis Ground

10 PIN HARNESS

+12VDC

REMOTE RCS SYSTEM

Diagnostic plug (Face view)

1   8
9   16

"Fig. 1"

Diode

Tan wire (PIN 4) of C1 BCM connector.
Pink/Violet (PIN 10) of C2 junction box connector.
Light Green/Orange (PIN 9) of C2 BCM connector.

"Fig. 2"

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 Bypass
2	Green	N/A	D2D w2w	Input	(-)	RCS	Connect to (-) Lock Ouput 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 Output	Opens Trunk
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 & 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 ambiant 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.

Description: Chrysler Dodge Jeep Combo Door Lock Alarm Interface & Transponder Bypass (KEY REQUIRED)

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

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.

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.

USER SETTINGS - OPTIONAL PROGRAMMING:

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

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