

Platform # 531

Firmware: CHDL2

Installation Manual (1/2 Pages)

Description: Chrysler Dodge Jeep Combo Door Lock Alarm Interface + 1st Generation Chrysler Sentry Key RF Transponder Override RF Transponder Bypass Intrepid (CHDL2) Door Lock & Alarm Interface (NO KEY REQUIRED)

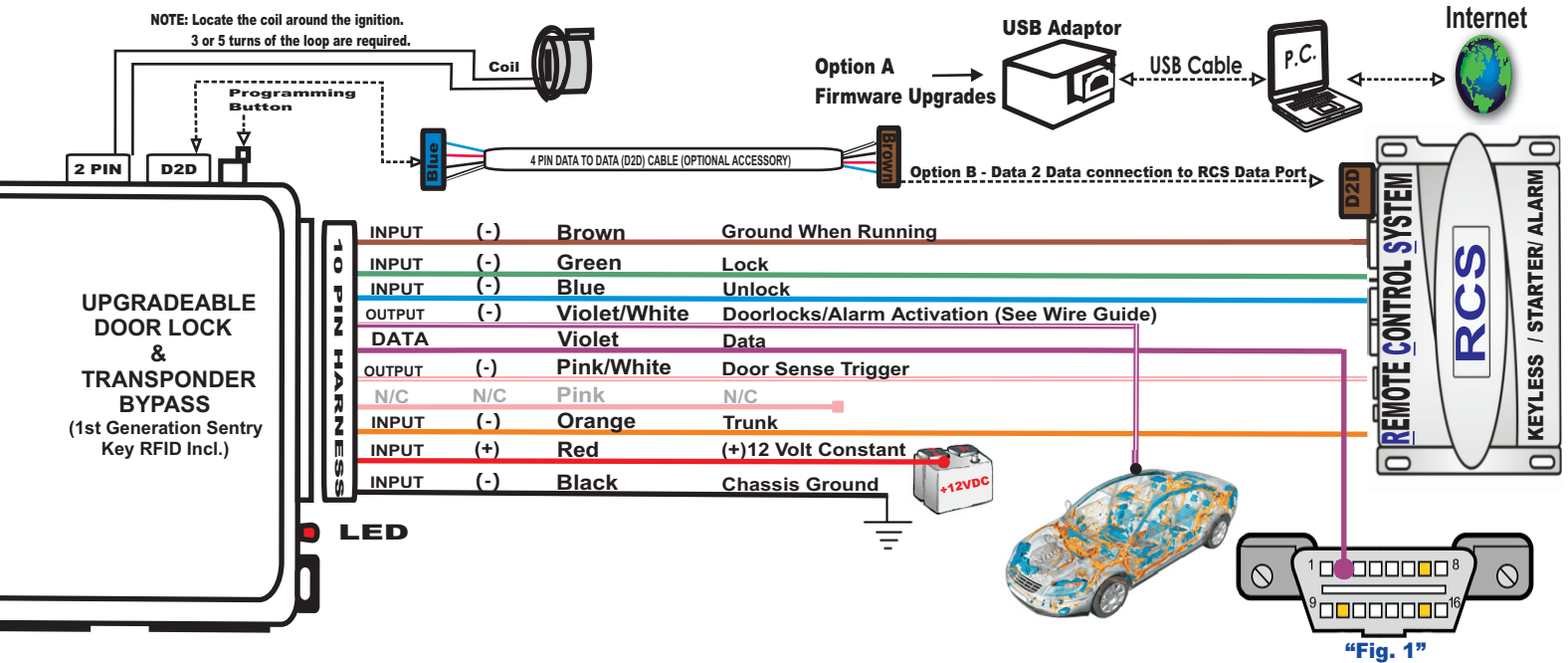
Functions: Data Bus Interface: Lock/Unlock, Trunk, OEM Security Arm/Disarm

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 Located Behind Fuse Box on Driver Side (SEE TECH NOTES)	Activates Doorlocks and Alarm (SEE TECH NOTES)
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
8	Orange	N/A	D2D w2w	Input (-)	RCS	Trunk Output	Trunk 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 & 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.

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Section C

STEP #1 TRANSPONDER PROGRAMMING MODE

You will need 2 valid keys. Proceed as follows:

- 1- Insert first key and turn to the IGN "ON" position: "THEFT" light will turn ON, then go "OFF". Remove the first key.
- 2- Within 5 seconds, insert second key: turn and hold in IGN "ON" position. After approx. 10 seconds, the door chime will sound** once to indicate vehicle is in programming mode.

YOU NOW HAVE 60 SECONDS TO PROCEED WITH THE NEXT STEP.

- 3- For the next 2 steps position & hold the PKU module (screw side) towards the front of the ignition barrel (key cylinder). (*Coil Loop is NOT USED during programming*)
- 4- Using a jumper wire, power up vehicle ignition, without starting vehicle, for approx. 10 secs. until the "THEFT" light comes "ON" solid. "THEFT" light will then flash and return back to solid to indicate the module is now programmed successfully.

IMPORTANT NOTE:

Once the Transponder Bypass portion has been programmed to a vehicle, it cannot be used on any other Chrysler vehicle. (This a Chrysler Sentry Key feature from factory.)

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

USER SETTINGS - OPTIONAL PROGRAMMING:

NOTE: ONLY MODES 7 & 8 ARE 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.

* = Default

MODE 7 =	*OPTION 1: Vehicle <u>with</u> alarm (Default)	OPTION 2: Vehicle <u>without</u> alarm
MODE 8 =	*OPTION 1: No reset (Default)	OPTION 2: Complete reset of option and module

Section F

TECH NOTES: DO NOT ADD RESISTORS AS THEY ARE INTERNAL

FOR VIOLET/WHITE WIRE:

DOORLOCKS/ALARM ACTIVATION WIRE

FOR SEBRING & STRATUS SEDAN: White/Dark Green at BCM

ALL OTHER MODELS: Light Green/Orange at BCM

IMPORTANT VEHICLE INFORMATION:

- On Sebring and Stratus Coupes, you can **NOT** control the alarm.
- On Sebring and Stratus Sedan, you **CAN** control the alarm.

IMPORTANT INSTALL INFORMATION:

- No wiring harness should be connected while programming the transponder bypass.
- Do not install module on a metal surface.