Platform # 531 Firmware: CHDL3

Installation Manual (1\2 Pages)

Description: Chrysler Dodge Jeep Combo Door Lock Alarm Interface + 1st Generation Chrysler Sentry Key RF Transponder Override Durango (CHDL3) Door Lock & Alarm Interface (No Key Required)

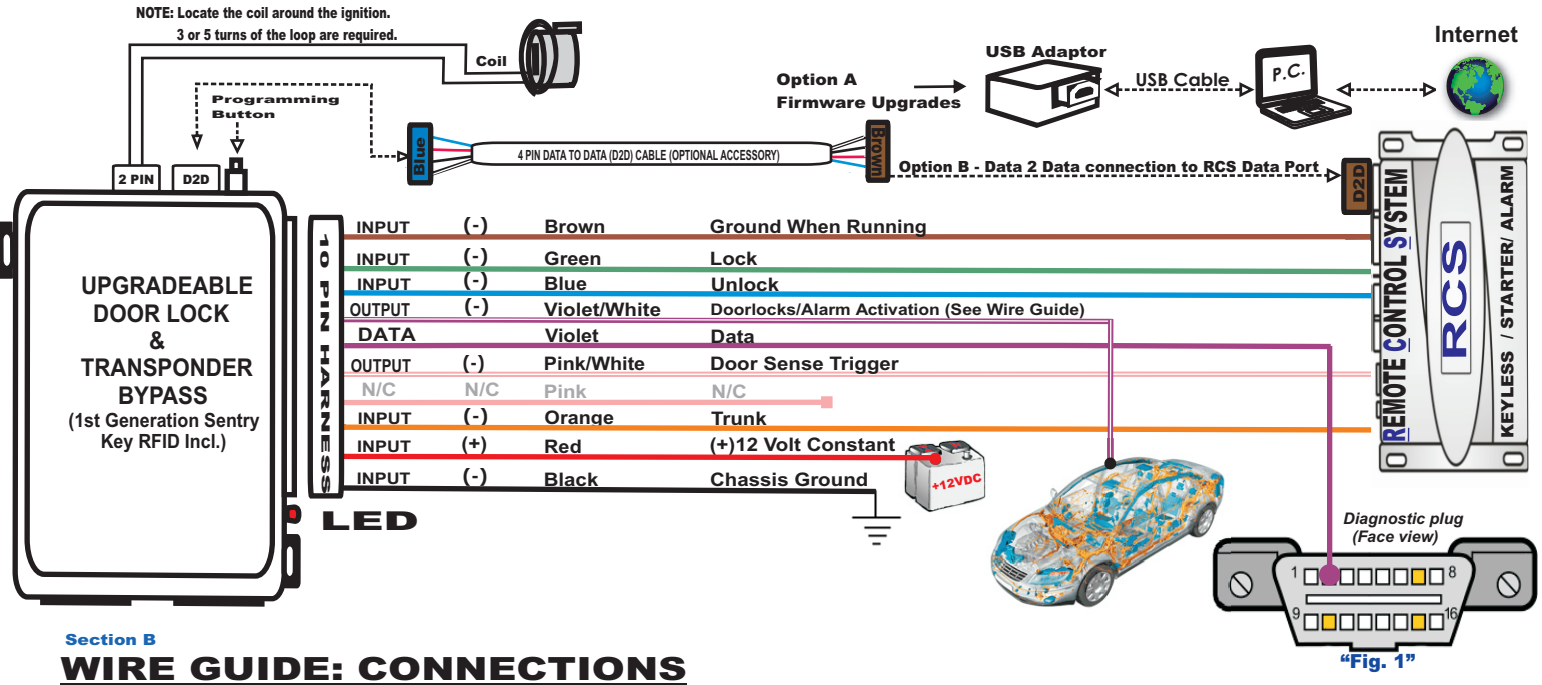
Functions: Data Bus Interface: Lock/Unlock, Trunk, OEM Security Arm/Disarm, Door Sense Trigger

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



"Fig. 1"

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 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 Located Behind Fuse Box On Driver Side **(See Tech Notes)**	Activates Doorlocks and Alarm
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 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.

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Installation Manual (2\2 Pages)

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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 TYPE PROGRAMMING:

1) Connect the module, LED comes **ON** solid.

2) Turn the ignition key to the **ON** position. LED will turn OFF then it will begin a flash pattern that matches the vehicle type selection. (The default vehicle type selection is Type 1.)
If the module has already been programmed the number of flashes indicate the TYPE programmed when applying power to module, one time only.
The module is now ready to function.

3) To change the vehicle type, press and release the program button until LED flash pattern matches the selected vehicle type.LED flash pattern will match the Vehicle Type selected.
Example: 1 flash = Type 1, 2 flashes = Type 2 and so on.

4) To save the vehicle type selection, press and hold the program button until the LED flashes rapidly. The module will then exit the programming. The module is now programmed.
If LED comes on solid, turn the key to start the engine.

VEHICLE TYPE CHART

VEHICLES	TYPE
NEON	1
PT CRUISER	1
RAM (With OEM Alarm Only)	2
DAKOTA	3
DURANGO	3

Section E

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.

4) To save and exit programming, **press** and **hold button** until LED flashes one time rapidly, showing end of OPTION programming.

**** = Default***

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

Section F

TECH NOTES FOR VIOLET/WHITE WIRE

BE SURE TO CONNECT THIS WIRE AS FOLLOWS:

WITH FACTORY ALARM:

RAM (2004-2005): Connect to DARK PURPLE/LIGHT BLUE in kick panel located under dash on driver side.
RAM (2001-2003): Connect to light GREEN/ORANGE in kick panel located under dash on driver side.

WITH OR WITHOUT FACTORY ALARM:

DAKOTA (2001-2004) & DURANGO (2003 & Earlier): Connect to LIGHT GREEN/ORANGE in kick panel located under dash on driver side.
PT CRUISER (2001-2005): Connect to WHITE/GREEN wire coming from driver's door at driver side kick panel.
NEON (2000-2005): Connect to LIGHT GREEN wire in kick panel located under dash on driver side.
IMPORTANT: Select vehicles, ie: Dodge Durango 2003, Ram or Dakota have 2 Ignition: (Blue (16AWG) & Red) and 2 accessory wires: Orange and Green. All 4 of these wires will need to be powered for the programming of the transponder bypass.

* The BCM in the Dodge Dakota may go to sleep a minute after the doors have been locked and closed. If this happens a ground pulse to the driver's door pin-switch (TAN in color DKP) before unlock will wake-up the BCM and the doors will unlock.