Platform # 530 Firmware: CHDL3

Description: Chrysler Dodge Jeep Combo Door Lock Alarm Interface & Transponder Bypass (KEY REQUIRED)
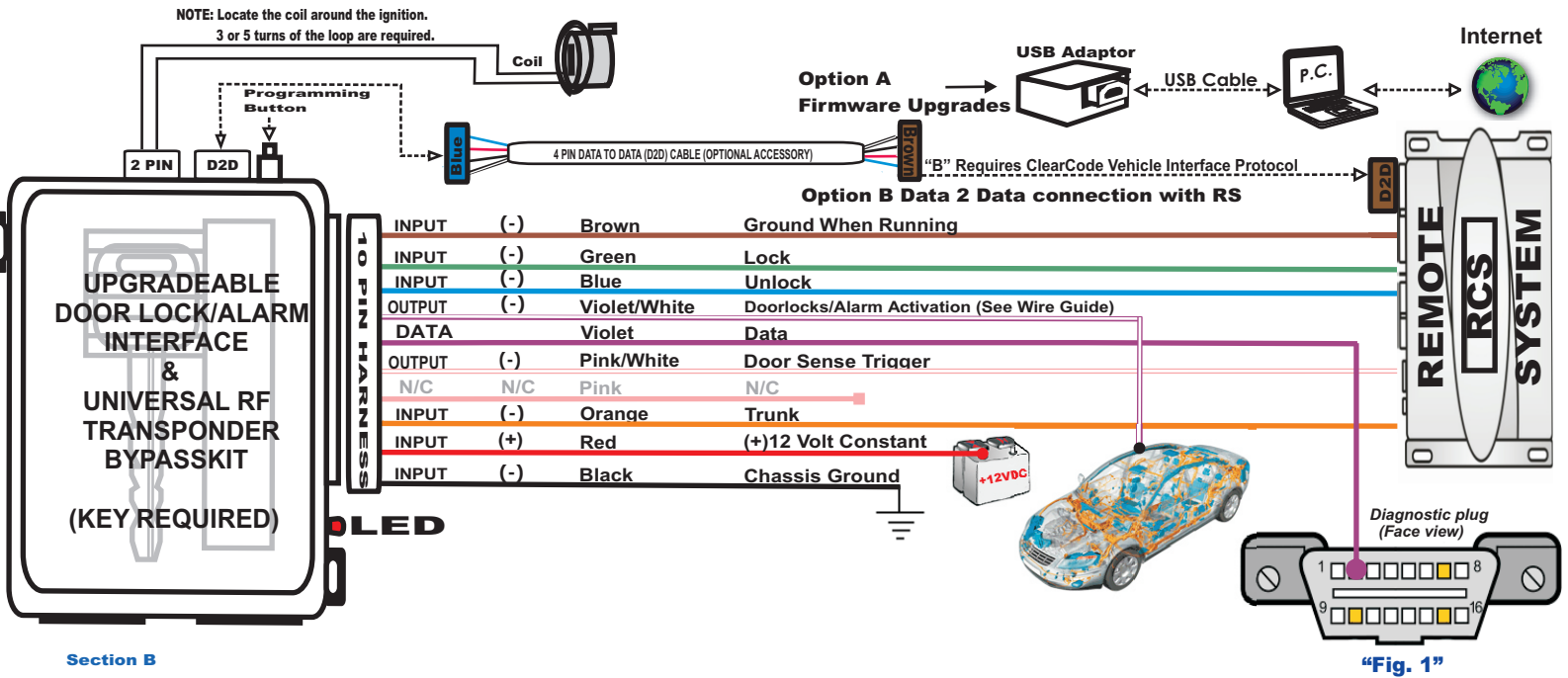
Functions: Data Bus Interface: Lock/Unlock, Trunk, OEM Security Arm/Disarm, Door Sense Trigger

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

Programming Button

2 PIN   D2D

Internet

Option A Firmware Upgrades   USB Adaptor   USB Cable   P.C.

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

"B" Requires ClearCode Vehicle Interface Protocol

Option B Data 2 Data connection with RS

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

LED

10 PIN HARNESS

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

REMOTE RCS SYSTEM

+12VDC

Diagnostic plug (Face view)

1   8
9   16

"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 Bypass
2	Green	N/A	D2D w2w	Input	(-)	RCS	Lock connects to (-) Lock Ouput wire of RCS	Lock All Doors
3	Blue	N/A	D2D w2w	Input	(-)	RCS	Unlock connects 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	Door Sense Trigger connects 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.

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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 TYPE CHART

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

NOTE: Once you have determined your vehicle type, please refer to the Wire Connection Guide.

Section E

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 never been programmed or has been reset, LED will indicate which TYPE the module is in by the number of flashes.

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.*

*If the module has already been programmed, the number of flashes indicate the type programmed when applying power to module, one time only.
 Module is now ready to function.*

Section F

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 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 G

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.

* 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.