

Description: Chrysler SUV Door Lock Alarm Interface: Durango (CHDL3) Door Lock & Alarm Interface (NO KEY REQUIRED)

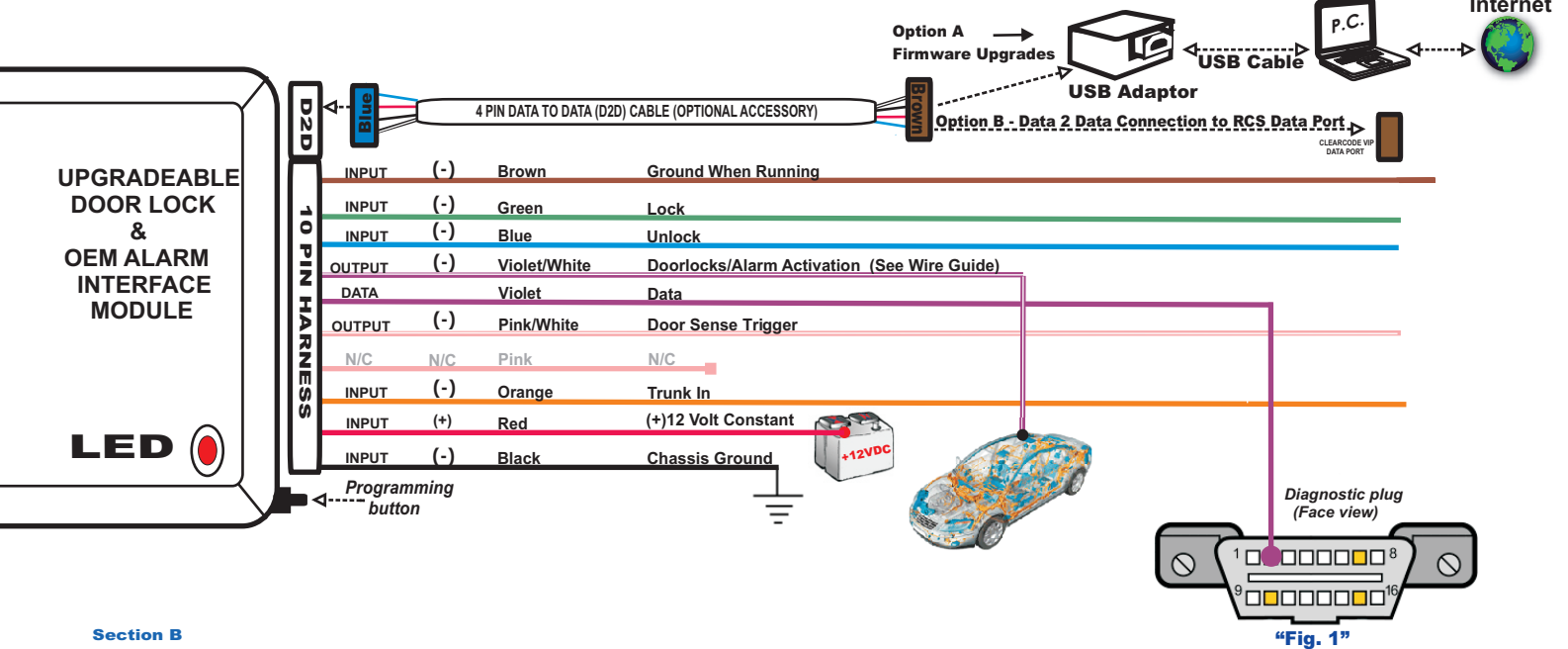
Functions: Data Bus Interface: Lock/Unlock, Trunk, OEM Security Arm/Disarm, Door Sense Trigger

Downloadable Firmware for Platform #03: 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



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	D2D w2w	Input	(-)	RCS	Ground When Running from output of remote starter.	Factory Alarm Arm/ Disarm
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		Output	(-)	Vehicle	BCM Located Behind Fuse Box On Driver Side (See Tech Notes)	Activates Doorlocks and Alarm
5	Violet	N/A		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 ambient temperature, diesel glow plug etc... ClearCode VIP represents the doorway to vehicle integration...

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Section C

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 once 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 D

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=Mode 1, 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 <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 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.