

Platform #03

Firmware: CHDL7

Installation
Manual (1\3 Pages)

Description: Chrysler Dodge Jeep Door Lock Alarm Interface (NO KEY REQUIRED)

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

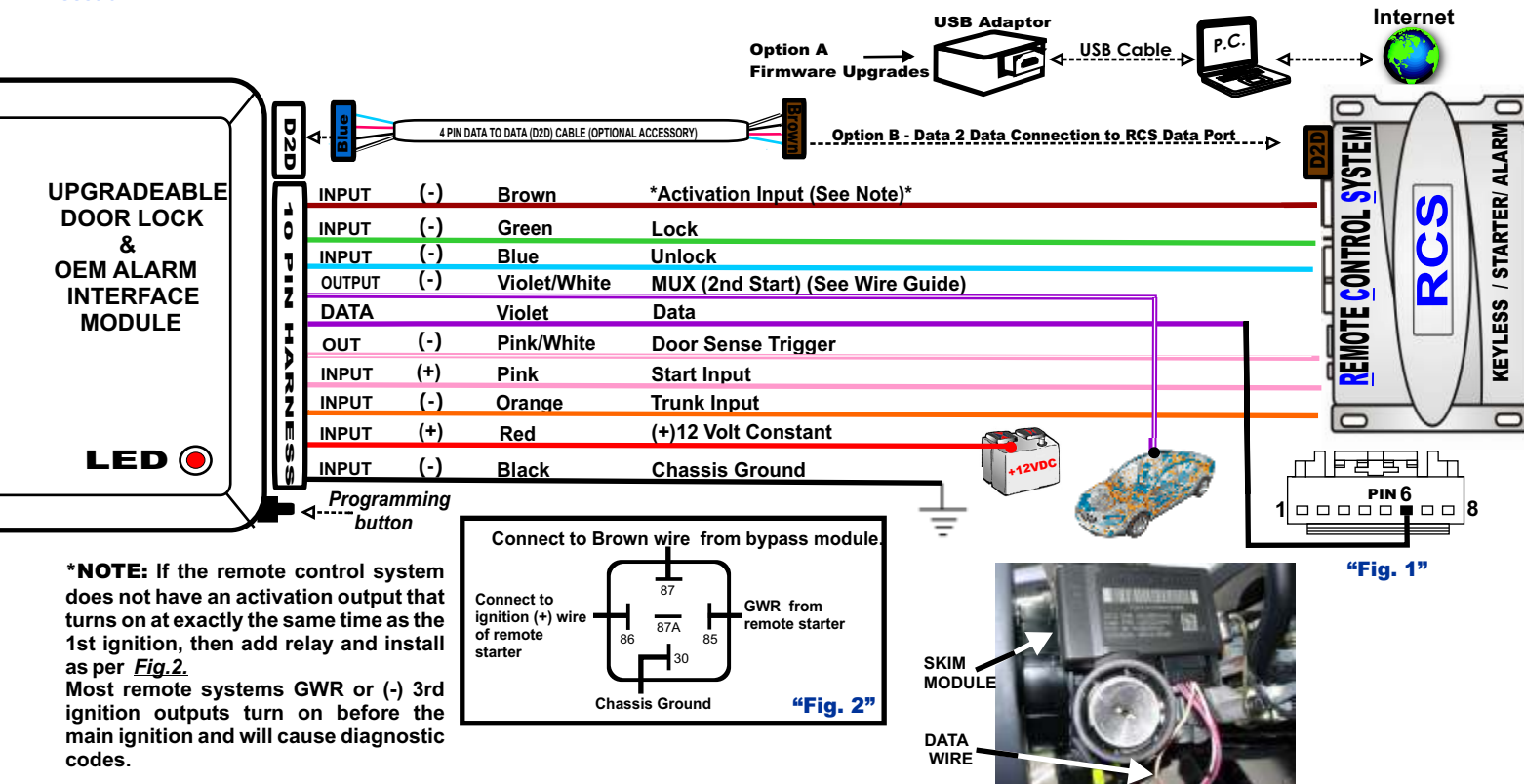
Downloadable Firmware for Platform #03: CHDL2, CHDL3, CHDL4, CHDL6+, CHDL7, JDL



WARNING: Before beginning your install go to www.XPRESSKIT.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 Ignition is Activated This wire must activate at the same time as main ignition. (See Fig.2)	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	Unlock All Doors (See User Settings)
4	Violet/ White	N/A	w2w	Output	(-)	Vehicle	MUX (Violet/Brown Pin 4 of Ignition Harness)	2nd Start and Accessory (Resistance) Output to Vehicle
5	Violet	N/A	w2w	Data		Vehicle	White/Orange PIN#6 of 8 PIN SKIM harness in steering column	(See Fig. 1)
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/A	D2D w2w	Input	(+)	RCS	Start Output - Connection is parallel to the vehicle and remote control system starter wires.	Enables 2nd Start
8	Orange	N/A	D2D w2w	Input	(-)	RCS	Trunk Output	Trunk/Rear Hatch 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...

Description: Chrysler Dodge Jeep Door Lock Alarm Interface (NO KEY REQUIRED)**Functions:** Data Bus Interface: Lock/Unlock, Trunk/Rear Hatch, OEM Security Arm/Disarm, Starter Enable, Door Sense Trigger**Section C****VEHICLE PROGRAMMING:**

- 1) Connect the module, LED comes **ON** solid.
- 2) Turn key to **ON** position. LED will turn **OFF**. Module is now programmed.

Section D**USER SETTINGS - OPTIONAL PROGRAMMING:****NOTE: Only MODES 1 & 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** 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 1 =	*OPTION 1: 1st pulse unlock all doors (Default)	OPTION 2: 1st pulse unlock driver door, 2nd pulse unlock all doors
MODE 8 =	*OPTION 1: No reset (Default)	OPTION 2: Complete reset of option and module



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IM-03



































OMEGA®
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Installation Manual (3\3 Pages)

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

M-03

Compatibility Chart

Chrysler	2008	2007	2006	2005	2004
300/300c					
PT Cruiser					
Sebring Convertible					
Sebring Sedan					
Dodge	2008	2007	2006	2005	2004
Avenger					
Caliber					
Charger					
Dakota					
Durango					
Magnum					
RAM					
Jeep	2008	2007	2006	2005	2004
Commander					
Compass					
Grand Cherokee					
Grand Cherokee limited					

Number of keys required to program kit: 1

Number of keys required for kit operation: 0

PROTECTED BY U.S. PATENTS: 5,719,651; 6,011,460 B1; 6,243,004 B1; 6,249,216 B1; 6,275,147 B1; 6,297,731 B1; 6,346,876 B1; 6,329,392 B1; 6,529,124 B2; 6,696,927 B2; 6,756,886 B2; 6,756,886 B1; 6,756,886 B2; 6,771,167 B1; 6,812,629 B1; 6,924,750 B1; 7,010,402 B1; 7,015,830 B1; 7,031,626 B1; 7,046,126 B1; 7,061,137 B1; 7,088,153 B1; 7,205,679 B1; CON. PATENT: 2,320,248; 2,441,991; 2,445,011; 2,445,030 B1; 2,445,032 B1; 2,445,034 B1; 2,445,036 B1; 2,445,038 B1; 2,445,040 B1; 2,445,042 B1; 2,445,044 B1; 2,445,046 B1; 2,445,048 B1; 2,445,050 B1; 2,445,052 B1; 2,445,054 B1; 2,445,056 B1; 2,445,058 B1; 2,445,060 B1; 2,445,062 B1; 2,445,064 B1; 2,445,066 B1; 2,445,068 B1; 2,445,070 B1; 2,445,072 B1; 2,445,074 B1; 2,445,076 B1; 2,445,078 B1; 2,445,080 B1; 2,445,082 B1; 2,445,084 B1; 2,445,086 B1; 2,445,088 B1; 2,445,090 B1; 2,445,092 B1; 2,445,094 B1; 2,445,096 B1; 2,445,098 B1; 2,445,100 B1; 2,445,102 B1; 2,445,104 B1; 2,445,106 B1; 2,445,108 B1; 2,445,110 B1; 2,445,112 B1; 2,445,114 B1; 2,445,116 B1; 2,445,118 B1; 2,445,120 B1; 2,445,122 B1; 2,445,124 B1; 2,445,126 B1; 2,445,128 B1; PENDING: 2,591,306; 2,591,308; 2,591,310; 2,591,312; 2,591,314; 2,591,316; 2,591,318; 2,591,320; 2,591,322; 2,591,324; 2,591,326; 2,591,328; 2,591,330; 2,591,332; 2,591,334; 2,591,336; 2,591,338; 2,591,340; 2,591,342; 2,591,344; 2,591,346; 2,591,348; 2,591,350; 2,591,352; 2,591,354; 2,591,356; 2,591,358; 2,591,360; 2,591,362; 2,591,364; 2,591,366; 2,591,368; 2,591,370; 2,591,372; 2,591,374; 2,591,376; 2,591,378; 2,591,380; 2,591,382; 2,591,384; 2,591,386; 2,591,388; 2,591,390; 2,591,392; 2,591,394; 2,591,396; 2,591,398; 2,591,400; 2,591,402; 2,591,404; 2,591,406; 2,591,408; 2,591,410; 2,591,412; 2,591,414; 2,591,416; 2,591,418; 2,591,420; 2,591,422; 2,591,424; 2,591,426; 2,591,428; 2,591,430; 2,591,432; 2,591,434; 2,591,436; 2,591,438; 2,591,440; 2,591,442; 2,591,444; 2,591,446; 2,591,448; 2,591,450; 2,591,452; 2,591,454; 2,591,456; 2,591,458; 2,591,460; 2,591,462; 2,591,464; 2,591,466; 2,591,468; 2,591,470; 2,591,472; 2,591,474; 2,591,476; 2,591,478; 2,591,480; 2,591,482; 2,591,484; 2,591,486; 2,591,488; 2,591,490; 2,591,492; 2,591,494; 2,591,496; 2,591,498; 2,591,500; 2,591,502; 2,591,504; 2,591,506; 2,591,508; 2,591,510; 2,591,512; 2,591,514; 2,591,516; 2,591,518; 2,591,520; 2,591,522; 2,591,524; 2,591,526; 2,591,528; 2,591,530; 2,591,532; 2,591,534; 2,591,536; 2,591,538; 2,591,540; 2,591,542; 2,591,544; 2,591,546; 2,591,548; 2,591,550; 2,591,552; 2,591,554; 2,591,556; 2,591,558; 2,591,560; 2,591,562; 2,591,564; 2,591,566; 2,591,568; 2,591,570; 2,591,572; 2,591,574; 2,591,576; 2,591,578; 2,591,580; 2,591,582; 2,591,584; 2,591,586; 2,591,588; 2,591,590; 2,591,592; 2,591,594; 2,591,596; 2,591,598; 2,591,600; 2,591,602; 2,591,604; 2,591,606; 2,591,608; 2,591,610; 2,591,612; 2,591,614; 2,591,616; 2,591,618; 2,591,620; 2,591,622; 2,591,624; 2,591,626; 2,591,628; 2,591,630; 2,591,632; 2,591,634; 2,591,636; 2,591,638; 2,591,640; 2,591,642; 2,591,644; 2,591,646; 2,591,648; 2,591,650; 2,591,652; 2,591,654; 2,591,656; 2,591,658; 2,591,660; 2,591,662; 2,591,664; 2,591,666; 2,591,668; 2,591,670; 2,591,672; 2,591,674; 2,591,676; 2,591,678; 2,591,680; 2,591,682; 2,591,684; 2,591,686; 2,591,688; 2,591,690; 2,591,692; 2,591,694; 2,591,696; 2,591,698; 2,591,700; 2,591,702; 2,591,704; 2,591,706; 2,591,708; 2,591,710; 2,591,712; 2,591,714; 2,591,716; 2,591,718; 2,591,720; 2,591,722; 2,591,724; 2,591,726; 2,591,728; 2,591,730; 2,591,732; 2,591,734; 2,591,736; 2,591,738; 2,591,740; 2,591,742; 2,591,744; 2,591,746; 2,591,748; 2,591,750; 2,591,752; 2,591,754; 2,591,756; 2,591,758; 2,591,760; 2,591,762; 2,591,764; 2,591,766; 2,591,768; 2,591,770; 2,591,772; 2,591,774; 2,591,776; 2,591,778; 2,591,780; 2,591,782; 2,591,784; 2,591,786; 2,591,788; 2,591,790; 2,591,792; 2,591,794; 2,591,796; 2,591,798; 2,591,800; 2,591,802; 2,591,804; 2,591,806; 2,591,808; 2,591,810; 2,591,812; 2,591,814; 2,591,816; 2,591,818; 2,591,820; 2,591,822; 2,591,824; 2,591,826; 2,591,828; 2,591,830; 2,591,832; 2,591,834; 2,591,836; 2,591,838; 2,591,840; 2,591,842; 2,591,844; 2,591,846; 2,591,848; 2,591,850; 2,591,852; 2,591,854; 2,591,856; 2,591,858; 2,591,860; 2,591,862; 2,591,864; 2,591,866; 2,591