

Platform # 02

Firmware: NISSDL

Installation
Manual (1\3 Pages)

Description: Nissan & Infiniti Doorlock Alarm Interface (NO KEY REQUIRED)

Functions: Lock/Unlock, OEM Security Arm/Disarm

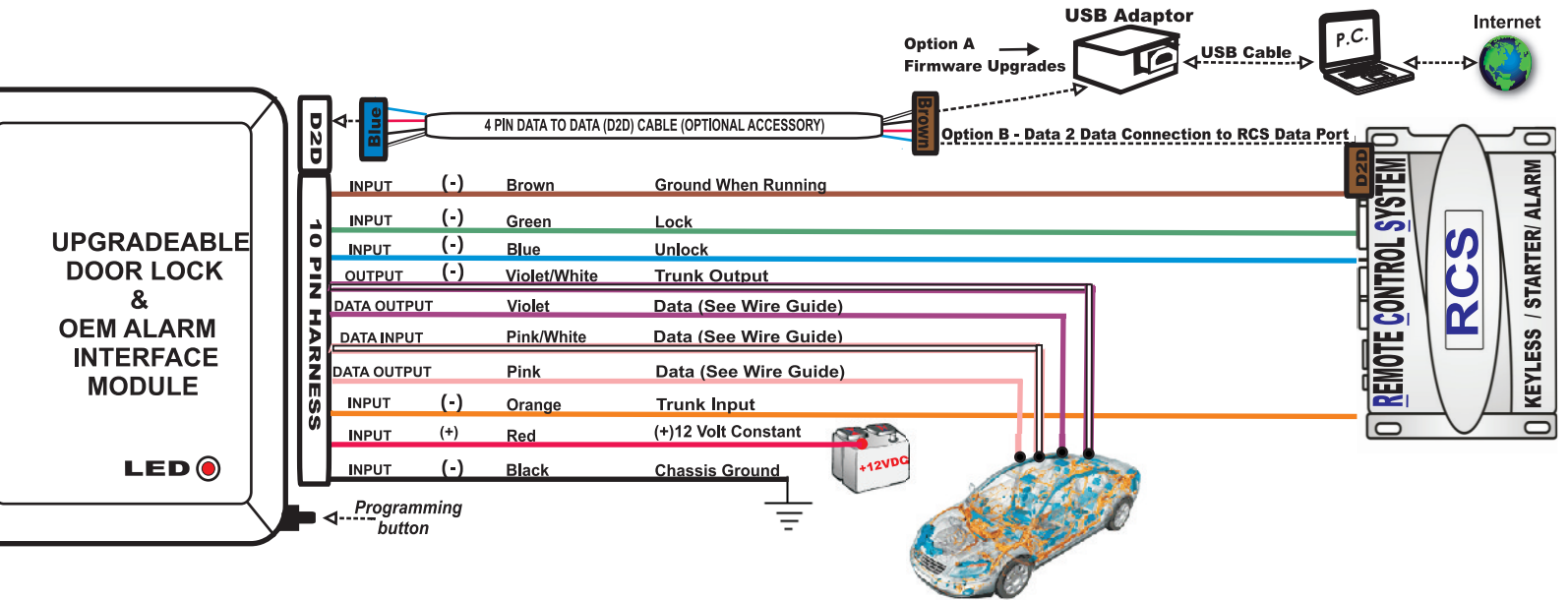


WARNING: Before beginning your install go to www.XPRESSKIT.com and be sure to print the LATEST corresponding installation manual for the firmware that is flashed to the platform you are using.

Downloadable Firmware for Platform #02: HODL, NISSDL, SUBDL

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 VIP	I/O STATUS	(-) / (+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	N/A	D2D w2w	Input	(-)	RCS	Ground When Running output of remote starter	OEM Security 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	w2w	Output	(-)	Vehicle	Connect to vehicle (-) Trunk Release at switch	Trunk Release
5	Violet	See Vehicle Wiring List	w2w	Data Output		Vehicle	See Vehicle Wiring List for connection	Data Commands from Module to Vehicle
6	Pink/White	See Vehicle Wiring List	w2w	Data Input		Vehicle	See Vehicle Wiring List for connection	Data Commands from Module to Vehicle
7	Pink	See Vehicle Wiring List	w2w	Data Output		Vehicle	See Vehicle Wiring List for connection	Data Commands from Module to Vehicle
8	Orange	N/A	D2D w2w	Input	(-)	RCS	Connect to (-) Trunk Output wire of RCS	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...

This Interface kit / Data Bus Interface part has been tested on the listed vehicles. Other vehicles will be added to the select vehicle list upon completion of compatibility testing. Visit website for latest vehicle application guide. **DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the bypass kit / data bus interface part(s) be held liable for any consequential damages sustained in connection with the part(s) installation. The manufacturer and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the interface kit / data bus interface part(s) other than its replacement. N.B.: Under no circumstances shall the manufacturer and distributors of this product be liable for consequential damages sustained in connection with this product and neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than the replacement of this product only.

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Section C

VEHICLE PROGRAMMING

1) Once the module has been properly connected, LED will flash one time. If LED stays ON, press lock or unlock in the vehicle to activate Data Line.

Section D

USER SETTINGS - OPTIONAL PROGRAMMING:

USER MODES ARE IDENTIFIED BY A SLOW LED FLASH PATTERN. 1 SLOW FLASH=MODE1, 2 SLOW FLASHES=MODE 2

1) Turn the ignition key to the OFF position.

2) To access USER MODES: Press & Hold the programming button until the LED flashes rapidly, then release.

3) To select a MODE: Press & Release the program button until the slow LED flash pattern matches the required MODE selection:

NOTE: ONLY MODE 8 IS AVAILABLE

4) To change the MODE OPTION: Press the LOCK or UNLOCK button on the aftermarket transmitter. LED will confirm selection of OPTION 1 with one fast flash or OPTION 2 with two fast flashes and so on.

* = Default

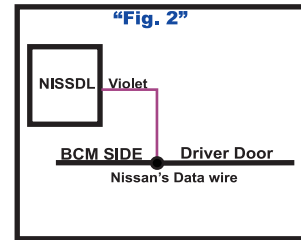
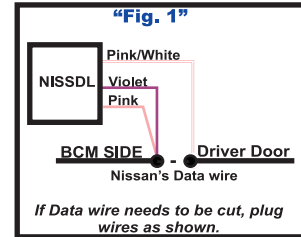
MODE 8 = *OPTION 1: NO RESET

OPTION 2: Reset Mode With Unlock Button

Section E

VEHICLE WIRING LIST

Nissan Maxima 2003 - 2007	VIOLET	Connect to Yellow wire Pin #2 of 24 Pin connector of BCM located in driver's kick panel (See Fig.2)
	PINK / WHITE	N/C
Nissan Murano 2003 - 2007	VIOLET	Connect to Brown/White Wire in from driver door (See Fig.2)
	PINK / WHITE	N/C
Nissan Altima 2004 - 2007 <i>With OEM Alarm Only</i>	VIOLET and PINK	Connect to Yellow / Green wire BCM Side (Wire in from driver door) (See Fig.1)
	PINK / WHITE	Connect to Yellow / Green wire Door Side (Wire in from driver door)
Nissan Quest 2004 - 2007	VIOLET and PINK	Connect to Yellow / Black Wire BCM Side (Wire in from driver door) (See Fig.1)
	PINK / WHITE	Connect to Yellow / Black wire Door Side (Wire in from driver door)
Nissan Armada 2004 - 2006	VIOLET and PINK	Connect to White / Violet wire BCM Side (See Fig.1)
	PINK / WHITE	Connect to White / Violet wire Door Side (Wire in from driver door)
Nissan 350Z 2003 - 2006 <i>*Do not cut Data</i>	VIOLET	Connect to Yellow wire Pin #2 (with Grey dots) at BCM kick panel or Wire in from driver door (See Fig.2)
	PINK / WHITE	N/C
Nissan Titan 2004 - 2007	VIOLET and PINK	Connect to Green wire BCM side: wire found in Black shielded cable in from driver door (See Fig.1)
	PINK / WHITE	Connect to Green wire Door Side: wire found in Black shielded cable in from driver door
Infiniti FX 45 2004 - 2007 Infiniti FX 35 2004 - 2007 <i>*Do not cut Data</i>	VIOLET	Connect to Orange wire in large white connector: Left of steering or Wire in from driver door. (See Fig.2) NOTE: Disarm unlocks doors
	PINK / WHITE	N/C NOTE: Disarming with Brown wire unlocks doors. You need to relock doors after ignition
Infinity M35, M35X, M35S 2006	VIOLET and PINK	Connect to Orange wire BCM side (Wire in from driver door) (See Fig.1)
	PINK / WHITE	Connect to Orange wire Door Side (Wire in from driver door)



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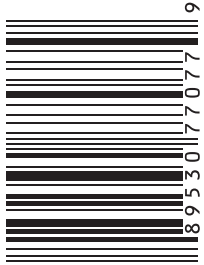
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Compatibility Chart

	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998
Infiniti										
FX35										
FX45										
G35										
G35 Coupe										
M35										
M35S										
M35X										
QX56										
Nissan										
350Z										
Altima										
Armada										
Maxima										
Murano										
Pathfinder										
Quest										
Titan										

Number of keys required to program kit: 1

Number of keys required for kit operation: 0



IM-02

OMEGA

RESEARCH AND DEVELOPMENT, INC.

PROTECTED BY U.S. PATENTS: 5,716,551; 6,014,480; 6,243,004; 6,249,168; 6,275,147; 6,297,751; 6,377,349; 6,395,165; 6,441,679; 6,444,679; 6,456,442; 6,456,443; 6,524,750; 6,524,751; 7,010,402; 7,015,830; 7,031,826; 7,046,226; 7,061,137; 7,068,153; 7,205,679; 7,205,680; 7,205,681; 7,205,682; 7,205,683; 7,205,684; 7,205,685; 7,205,686; 7,205,687; 7,205,688; 7,205,689; 7,205,690; 7,205,691; 7,205,692; 7,205,693; 7,205,694; 7,205,695; 7,205,696; 7,205,697; 7,205,698; 7,205,699; 7,205,700; 7,205,701; 7,205,702; 7,205,703; 7,205,704; 7,205,705; 7,205,706; 7,205,707; 7,205,708; 7,205,709; 7,205,710; 7,205,711; 7,205,712; 7,205,713; 7,205,714; 7,205,715; 7,205,716; 7,205,717; 7,205,718; 7,205,719; 7,205,720; 7,205,721; 7,205,722; 7,205,723; 7,205,724; 7,205,725; 7,205,726; 7,205,727; 7,205,728; 7,205,729; 7,205,730; 7,205,731; 7,205,732; 7,205,733; 7,205,734; 7,205,735; 7,205,736; 7,205,737; 7,205,738; 7,205,739; 7,205,740; 7,205,741; 7,205,742; 7,205,743; 7,205,744; 7,205,745; 7,205,746; 7,205,747; 7,205,748; 7,205,749; 7,205,750; 7,205,751; 7,205,752; 7,205,753; 7,205,754; 7,205,755; 7,205,756; 7,205,757; 7,205,758; 7,205,759; 7,205,760; 7,205,761; 7,205,762; 7,205,763; 7,205,764; 7,205,765; 7,205,766; 7,205,767; 7,205,768; 7,205,769; 7,205,770; 7,205,771; 7,205,772; 7,205,773; 7,205,774; 7,205,775; 7,205,776; 7,205,777; 7,205,778; 7,205,779; 7,205,780; 7,205,781; 7,205,782; 7,205,783; 7,205,784; 7,205,785; 7,205,786; 7,205,787; 7,205,788; 7,205,789; 7,205,790; 7,205,791; 7,205,792; 7,205,793; 7,205,794; 7,205,795; 7,205,796; 7,205,797; 7,205,798; 7,205,799; 7,205,800; 7,205,801; 7,205,802; 7,205,803; 7,205,804; 7,205,805; 7,205,806; 7,205,807; 7,205,808; 7,205,809; 7,205,810; 7,205,811; 7,205,812; 7,205,813; 7,205,814; 7,205,815; 7,205,816; 7,205,817; 7,205,818; 7,205,819; 7,205,820; 7,205,821; 7,205,822; 7,205,823; 7,205,824; 7,205,825; 7,205,826; 7,205,827; 7,205,828; 7,205,829; 7,205,830; 7,205,831; 7,205,832; 7,205,833; 7,205,834; 7,205,835; 7,205,836; 7,205,837; 7,205,838; 7,205,839; 7,205,840; 7,205,841; 7,205,842; 7,205,843; 7,205,844; 7,205,845; 7,205,846; 7,205,847; 7,205,848; 7,205,849; 7,205,850; 7,205,851; 7,205,852; 7,205,853; 7,205,854; 7,205,855; 7,205,856; 7,205,857; 7,205,858; 7,205,859; 7,205,860; 7,205,861; 7,205,862; 7,205,863; 7,205,864; 7,205,865; 7,205,866; 7,205,867; 7,205,868; 7,205,869; 7,205,870; 7,205,871; 7,205,872; 7,205,873; 7,205,874; 7,205,875; 7,205,876; 7,205,877; 7,205,878; 7,205,879; 7,205,880; 7,205,881; 7,205,882; 7,205,883; 7,205,884; 7,205,885; 7,205,886; 7,205,887; 7,205,888; 7,205,889; 7,205,890; 7,205,891; 7,205,892; 7,205,893; 7,205,894; 7,205,895; 7,205,896; 7,205,897; 7,205,898; 7,205,899; 7,205,900; 7,205,901; 7,205,902; 7,205,903; 7,205,904; 7,205,905; 7,205,906; 7,205,907; 7,205,908; 7,205,909; 7,205,910; 7,205,911; 7,205,912; 7,205,913; 7,205,914; 7,205,915; 7,205,916; 7,205,917; 7,205,918; 7,205,919; 7,205,920; 7,205,921; 7,205,922; 7,205,923; 7,205,924; 7,205,925; 7,205,926; 7,205,927; 7,205,928; 7,205,929; 7,205,930; 7,205,931; 7,205,932; 7,205,933; 7,205,934; 7,205,935; 7,205,936; 7,205,937; 7,205,938; 7,205,939; 7,205,940; 7,205,941; 7,205,942; 7,205,943; 7,205,944; 7,205,945; 7,205,946; 7,205,947; 7,205,948; 7,205,949; 7,205,950; 7,205,951; 7,205,952; 7,205,953; 7,205,954; 7,205,955; 7,205,956; 7,205,957; 7,205,958; 7,205,959; 7,205,960; 7,205,961; 7,205,962; 7,205,963; 7,205,964; 7,205,965; 7,205,966; 7,205,967; 7,205,968; 7,205,969; 7,205,970; 7,205,971; 7,205,972; 7,205,973; 7,205,974; 7,205,975; 7,205,976; 7,205,977; 7,205,978; 7,205,979; 7,205,980; 7,205,981; 7,205,982; 7,205,983; 7,205,984; 7,205,985; 7,205,986; 7,205,987; 7,205,988; 7,205,989; 7,205,990; 7,205,991; 7,205,992; 7,205,993; 7,205,994; 7,205,995; 7,205,996; 7,205,997; 7,205,998; 7,205,999; 7,206,000. EUROPEAN PATENT: 1,053,128 PAT. PENDING: 2,281,396; MADE IN CANADA