Platform #510   Firmware: TOYDL

Description: Toyota Doorlock Control Interface - (KEY REQUIRED)
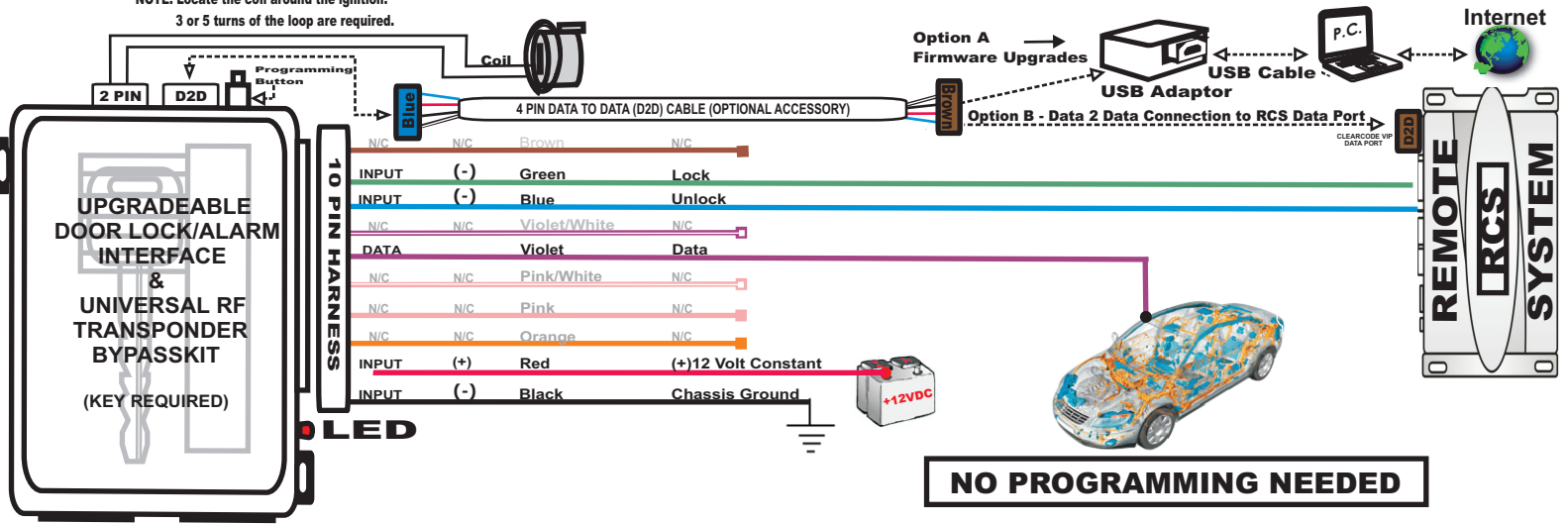
Functions: Lock/Unlock

Downloadable Firmware for Platform #510: AMDL, FODL, GMDL6, HODL4, HYDL, KIADL, KIADL2, TOYDL, VWDL2

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

NOTE: Locate the coil around the ignition.
3 or 5 turns of the loop are required.

See Wire Connection Guide for detailed information regarding wire functionality

UPGRADEABLE DOOR LOCK/ALARM INTERFACE & UNIVERSAL RF TRANSPONDER BYPASSKIT

(KEY REQUIRED)

PIN	I/O	(+/-)	Wire Color	Function
	N/C	N/C	Brown	N/C
INPUT	(-)		Green	Lock
INPUT	(-)		Blue	Unlock
N/C	N/C		Violet/White	N/C
DATA			Violet	Data
N/C	N/C		Pink/White	N/C
N/C	N/C		Pink	N/C
N/C	N/C		Orange	N/C
INPUT	(+)		Red	(+)12 Volt Constant
INPUT	(-)		Black	Chassis Ground

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

Option B - Data 2 Data Connection to RCS Data Port

CLEARCODE VIP DATA PORT

REMOTE RCS SYSTEM

NO PROGRAMMING NEEDED

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	D2D w2w	I/O STATUS	(-)/(+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	N/C	N/C	N/C	N/C	N/C	N/C
2	Green	D2D w2w	Input	(-)	RCS	Connect to (-) Lock Ouput wire of RCS	Lock All Doors
3	Blue	D2D w2w	Input	(-)	RCS	Connect to (-) Unlock Output wire of RCS	Unlocks All Doors
4	Violet/White	N/C	N/C	N/C	N/C	N/C	N/C
5	Violet	w2w	Data		Vehicle	Coming from harness in drivers door located in drivers kick panel **(*See Vehicle Data Wire Reference Chart)**	Data Commands from Module to Vehicle
6	Pink/White	N/C	N/C	N/C	N/C	N/C	N/C
7	Pink	N/C	N/C	N/C	N/C	N/C	N/C
8	Orange	N/C	N/C	N/C	N/C	N/C	N/C
9	Red	D2D w2w	Input	(+)	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	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 témpérature, 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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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.

VEHICLE DATA WIRE REFERENCE CHART

VEHICLE	YEAR	WIRE COLOURS	VEHICLE	YEAR	WIRE COLOURS
Avalon	2000 to 2004	Green **OR** Green/Black	ES330	2004 to 2005	Gray/Black **OR** Gray/Blue
Sequoia	2001 to 2005	White/Blue	GS300	1998 to 2005	Blue/Orange **OR** Orange
Tundra	2005 to 2004	White/Red **OR** Green/Black	GS300	2006	Gray
Land Cruiser	2003	Black	GS430	2001 to 2004	Blue/Orange **OR** Orange
Prius	2004 to 2005	Black	GX470	2003 to 2005	Black **OR** Blue
Highlander	2001 to 2003	Yellow /Red	LX470	2003 to 2005	Black
Highlander	2004 to 2005	Violet	RX330	2004 to2005	Red **OR** Gray
GS 400	1998 to 2000	Orange/Gray Dots **OR** Blue/Orange	SC430	2002 to 2005	Red/Blue **OR** Orange
LS430	2001 to 2005	Pink/Blue			
RX300	1999 to 2003	Violet **OR** Yellow /Red			

TECH NOTES

If vehicle is not equipped with Factory OEM, the TOYDL may <u>NOT</u> work.