Description: Door Lock and Transponder Bypass (KEY REQUIRED)

Functions: Lock/Unlock, Driver's Priority Unlock, Trunk/Panic, OEM Security Arm/Disarm, Door Sense Trigger Out, Window Roll-Up Left/Right Sliding Door
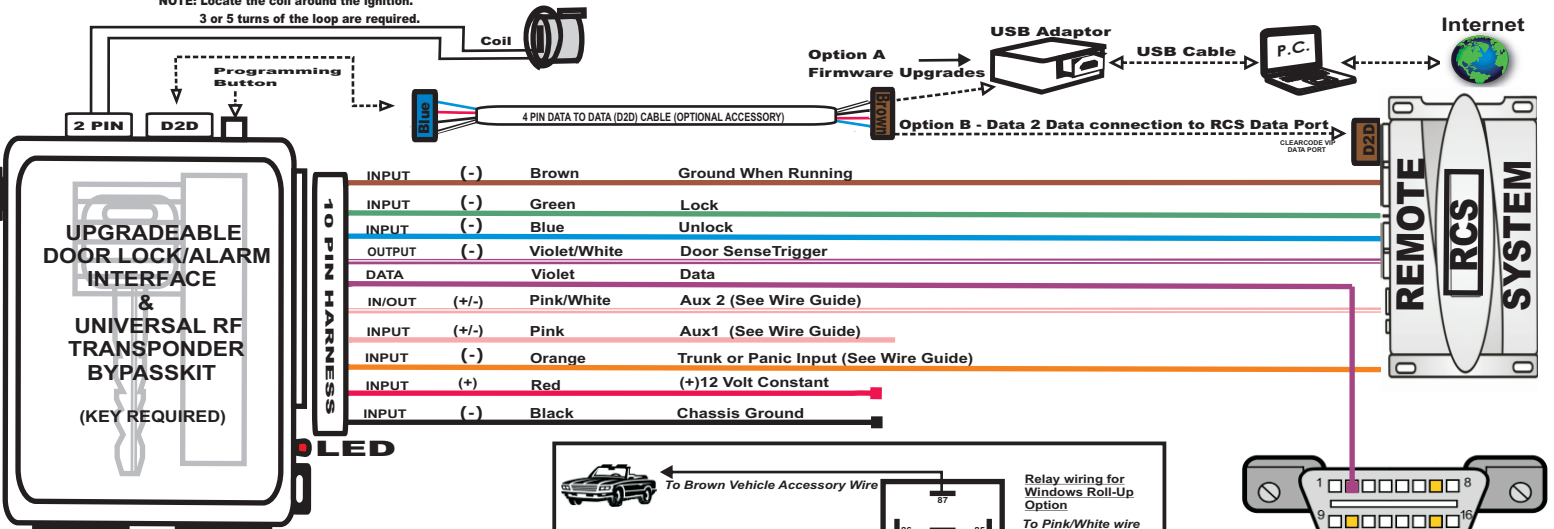
Downloadable Firmware for Platform #510: AMDL, FODL, GMDL6, HODL4, HYDL, KIADL, KIADL2, TOYDL, VWDL2

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 — See Wire Connection Guide for detailed information regarding wire functionality

"Fig. 1"   Relay wiring for Windows Roll-Up Option. To Brown Vehicle Accessory Wire. To Pink/White wire. Type 4 ONLY: When Equipped with 4 Doors

"Fig. 2"

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	1 & 4	w2w	Input	(-)	RCS	Ground When Running Output of Remote Starter	OEM Security Arm/ Disarm + Immobilizer Bypass + Defrost + Heated Seats at 32ºF (0ºC)
		2 & 3	w2w	Input	(-)	RCS	Ground When Running Output of Remote Starter	OEM Security Arm/Disarm + Heated Seats at 32ºF (0ºC) *Only if equipped with heated seat control switch on driver door
		5 to 7	w2w	Input	(-)	RCS	Ground When Running Output of Remote Starter	OEM Security Arm/Disarm
2	Green	1 to 5	D2D w2w	Input	(-)	RCS	Connect to (-) Lock Output wire of RCS	Lock All Doors (See User Settings, MODE 5)
		6 to 7	D2D w2w	Input	(-)	RCS	Connect to (-) Lock Output wire of RCS	Lock All Doors
3	Blue	All Types	D2D w2w	Input	(-)	RCS	Connect to (-) Unlock Output wire of RCS	Unlocks All Doors (See User Setting, MODE1)
4	Violet/ White	Type 1 & 4	D2D w2w	Output	(-)	RCS	Connect to (-) Door Trigger Input wire of RCS	Detects Door status (Open/Close) via data bus then converts to an analogue output (-)
		2,3,5,6,7	D2D w2w	Output	(-)	RCS	Connect the Pink Wire to Domelight or Rear Door Pin Wires	Detects Rear Door Status (Open/Close) via data bus then converts to an analogue output (-)
5	Violet	All Types		Data		Vehicle	Connect to On Board Diagnostic Connector (OBDII) PIN 2 (See Fig.2)	Data Commands from Module to Vehicle
6	Pink/ White	Type 4	w2w	Output	(-)	Vehicle	Connect to Vehicle's Brown Accessory Wire	Window Roll-Up (Relay Required, See Fig. 1)
		Type 7	D2D w2w	Input	(-)	RCS	AUX 2 Output	1sec. (-) Pulse Left Sliding Door Open/Close (See User Settings, MODE 3)
7	Pink	1 & 4	w2w	Input	(+/-)	Vehicle	Connect to Domelight (2 Door Vehicle N/A)	Detects Rear Door (See User Settings, MODE 2)
		Type 2	D2D w2w	Input	(-)	RCS	AUX 1 Output	Opens Fuel Door
		Type 7	D2D w2w	Input	(-)	RCS	AUX 1 Output	1 sec. (-) Pulse Right Sliding Door Open/Close (See User Settings, MODE 2)
8	Orange	1, 4 & 5	D2D w2w	Input	(-)	RCS	Panic Output	Enables OEM Panic Feature
		2,3,6 & 7	D2D w2w	Input	(-)	RCS	Trunk Output	Trunk Release
9	Red	All Types	D2D w2w	Input	(+)	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	All Types	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
VEHICLE TYPE CHART

VEHICLES	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	VEHICLES	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998
BUICK												**DODGE**										
Le Sabre			2	2	2	2	2	2				Caravan	7	7	7							
Park Avenue			3	3	3	3	3	3	3	3	3	Grand Caravan	7	7	7							
Rainier	1	1	1									**GMC**										
Ultra			3	3	3	3	3	3	3	3		Envoy	1	1	1	1	1					
CADILLAC												Sierra 1500, 2500, 3500	4	4	4	4						
CTS		2	2	2	2							Yukon Denali	4	4	4	4						
DeVille		3	2	2	2	2	2	2	2	2		**HUMMER**										
Escalade		4	4	4	4							H2	4	4	4	4						
Seville SLS		3	3	3	3	3	3	2	2	2		**ISUZU**										
Seville STS		3	3	3	3	3	3	2	2	2		Ascender	1	1	1	1						
SRX		2	2	2								**JEEP**										
CHEVROLET												Grand Cherokee			5	5	5	5	5	5		
Avalanche		4	4	4	4							Grand Cherokee Ltd			5	5	5	5	5	5		
Corvette			3									Liberty	7	7								
*Impala LS			*2	*2	*2	*2	*2	*2				**OLDSMOBILE**										
*Monte Carlo			*2	*2	*2	*2	*2	*2				(with factory remote only) *Alero		*2	*2	*2	*2	*2	*2	*2		
Silverado		4	4	4	4							Aurora				2	2	2				
SSR		1	1	1								Bravada				1	1	1	1			
Suburban		4	4	4	4							**PONTIAC**										
Tahoe		4	4	4	4							Bonneville			2	2	2	2	2	2		
TrailBlazer		1	1	1	1	1						(with factory remote only) *Grand Am			*2	*2	*2	*2	*2			
CHRYSLER												**SAAB**										
Pacifica		6	6	6								9-7X	1									
Town & Country		7	7	7																		

*In some cases the AMDL may only bypass the Passlock II via data. Once programmed, test the door lock inputs to determine if the AMDL will activate these functions via DATA (multiplexed). If there is no activation, then the door lock system is resistance based and will need to be controlled via analog.

Section D
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 E
VEHICLE TYPE PROGRAMMING:

1) Connect the module, LED comes **ON** solid.

2) Turn ignition key to **ON** position. LED turns **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 1 =	*OPTION 1: 1st Pulse Unlock All Doors (Default)	OPTION 2: 1st Pulse Unlock Driver Door, 2nd Pulse Unlock All Doors
MODE 2 =	*OPTION 1: (AUX 1) Pink Wire Negative (Default)	OPTION 2: (AUX 1) Pink Wire Positive
MODE 3 =	*OPTION 1: (AUX 2) Pink/White Wire Negative (Default)	OPTION 2: (AUX 2) Pink/White Wire Positive
MODE 4 =	*OPTION 1: (AUX 2) Pink/White Wire Output (Default)	OPTION 2: (AUX 2) Pink/White Wire Input
MODE 5 =	*OPTION 1: (AUX 2) Windows Roll-Up *OFF* (Default)	OPTION 2: Windows Roll-Up *ON* *MODE 5 for Type 1 & 4 ONLY
MODE 8 =	*OPTION 1: N/A (Default)	OPTION 2: Reset Mode with Unlock Button

Section G
INSTALLATION NOTES:

! The module will detect all door triggers through the data line. When the module detects an open door through the data line, it will send a negative pulse (-) trigger on the PURPLE/WHITE wire (Door trigger output).

! For Type 1 and 4 vehicles, the front doors and rear hatch ONLY are monitored via the data line. The rear doors are triggered separately and are not monitored via the data line. You need to use the PINK wire to detect rear doors (Option Programming Mode 2). These wires are usually found at the BCM (Body Control Module) or at the rear doors.