



Update Alert: Firmware updates are posted on the web on a regular basis. We recommend that you check for firmware and/or install guide updates prior to installing this product.

Installation Guide

HONDA7 is a door lock control and transponder override firmware. It controls and monitors standard factory security and convenience features such as door locks, OEM alarm, hood and trunk statuses, tach output, as well as the data transponder.



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Vehicle Application Guide



The following table lists the vehicles and features which are compatible with this product. The number assigned to each year allows you to determine which installation type should be used for your vehicle.

Vehicles					PK-Immobilizer Bypass-Data No Key Req'd	DL-Arm Factory Security	DL-Disarm Factory Security	DL-Door Lock Control	DL-Door Unlock	DL-Sliding Door Control Driver	DL-Sliding Door Control Passenger	DL-Trunk / Hatch Release	EIPS	FOB-Control of aftermarket alarm with OEM remote	Key2GO	PK-Push To Start Ignition Compatible	RS-RAP Shut Down (Retained ACC Power)	RS-Tach / RPM Output	SS-Entry Monitoring ALL Door Pins	SS-Entry Monitoring Driver Door Pin	SS-Entry Monitoring Hood Pin	SS-Entry Monitoring Trunk/Hatch Pin	SS-Factory Alarm Trigger Monitoring	ST-Brake Status (foot brake)	ST-E-Brake Status	ST-Ignition Status
	2016	2015	2014	2013																						
Acura																										
MDX (Smart Key)	4	4	4		•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RLX (Smart Key)		2	2		•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TLX (Smart Key)			4		•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Honda																										
Accord			1	1	1	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Accord (Smart Key)			2	2	2	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Accord Crosstour			1	1	1	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Accord Crosstour (Smart Key)			2	2	2	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Accord Hybrid (Smart Key)			2	2		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Civic (Smart Key)			5	5		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Civic Hybrid (Smart Key)			5	5		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CRV (Smart Key)			2	2		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fit			1			•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fit (Smart Key)			3			•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
HR-V			1			•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
HR-V (Smart Key)			3			•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Odyssey (Smart Key)			6	6		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Legend:

- : D2D & Wire-to-Wire (W2W)
- W: Wire-to-Wire
- DL: OE Door Lock & Alarm Controls
- FOB: Sync CAN Interface w / FOB Remote
- PK: Transponder & Immobilizer Override
- RS: Remote Start & Engine Controls

Note:

-  - Power liftgate and sliding door controls are only available when the engine is OFF.
-  - No takeover available on PTS vehicles.



⚠ This feature may be required if the interface does not program using the traditional method. Please see Module programming for more information.

Key2GO has been designed and developed to bypass the advanced encryption layers found in modern vehicles. It uses an array of servers to generate a duplicate of the original key, allowing the installation of a remote starter without having to give up a key.

The advantage is that this feature allows you to use one original key and the server to configure the bypass in the vehicle.

All Key2GO-compatible firmware are clearly indicated in the function list of each vehicle search result page and will also appear on the flash page. Any first-time user must re-register to gain access to Key2GO, and some additional information will be required to complete the registration process, such as your Directed account number and store name.

Key2GO is compatible with XpressVIP 4.5 or higher and requires an XKLoader.

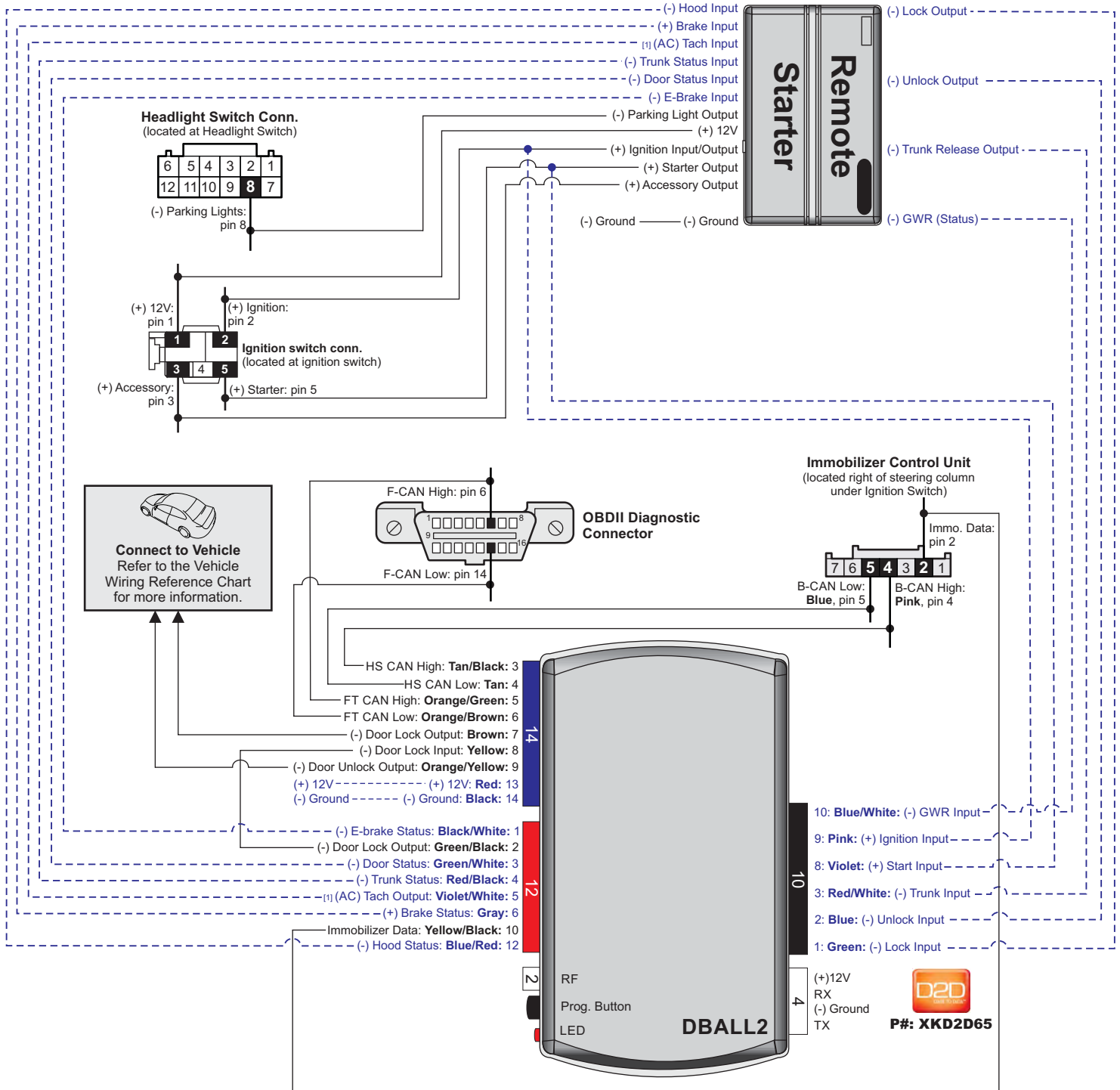
Refer to page 18 of this guide for instructions on how to program features using Key2GO.

Installation Type 1



Important!

- The Hood Pin and Remote Start Safety Override Switch are mandatory safety devices, but are NOT supplied with the DBALL.
- Refer to the Wiring Reference Chart section for more information on specific wiring and connections.



----- Not required in D2D mode.

[1] Tach wire is an optional connection required on some remote starters, which do not support a tach signal in D2D.

Unless specified otherwise, all connectors are displayed from the wire side, with the exception of the OBDII diagnostic connector.

Type 1 - Vehicle Wiring Reference Chart

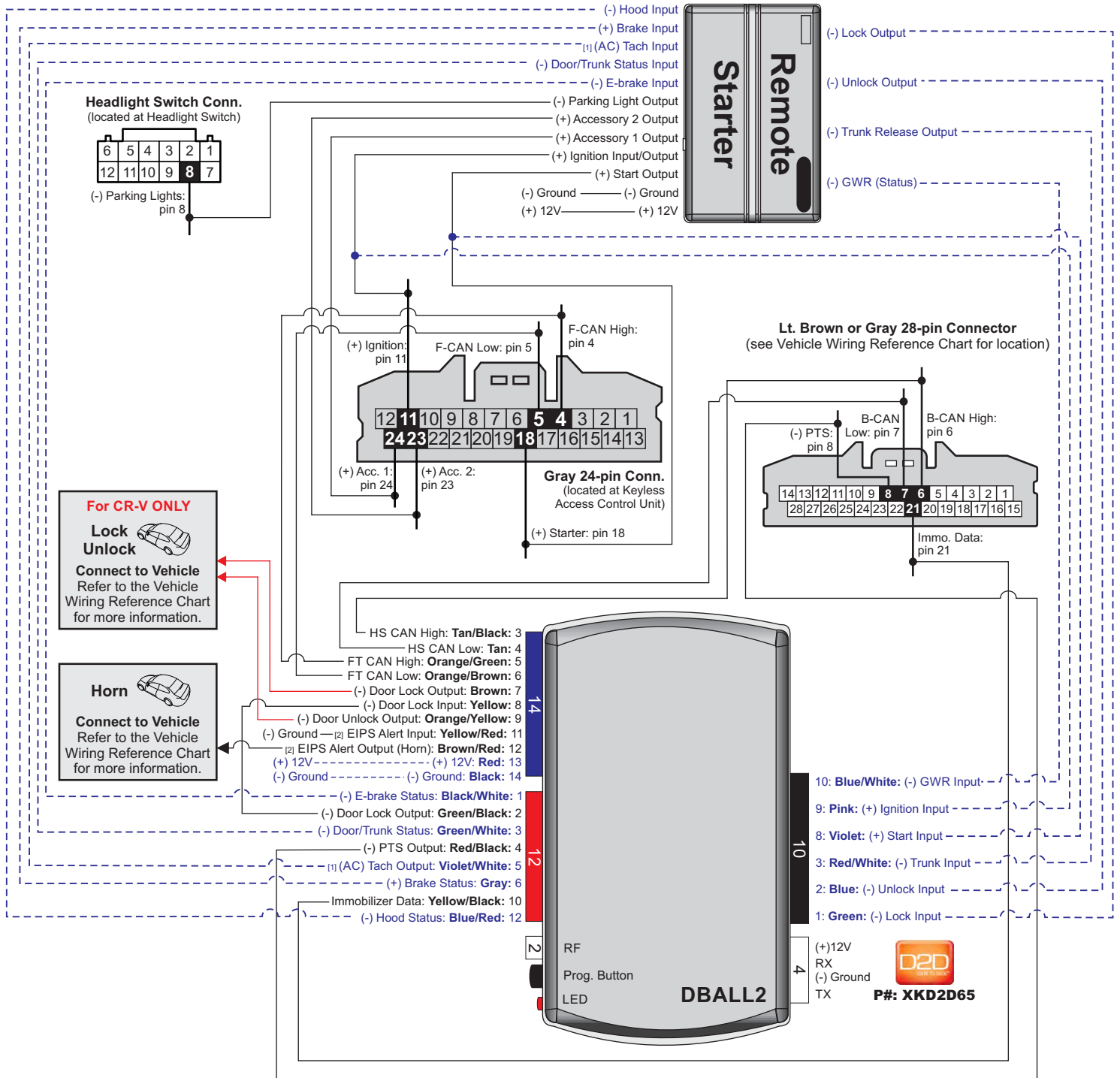
Wire Info				Connector Info		
Function	Color	Pin	Type	Name, Location	Color	Pins
2013-2015 Honda Accord						
Accessory	Orange	4	(+)	Ignition Switch	White	5
Ignition	Green	2	(+)	Ignition Switch	White	5
Power 12V	White	1	(+)	Ignition Switch	White	5
Starter	Blue	5	(+)	Ignition Switch	White	5
B-CAN High	Pink	4	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
B-CAN Low	Blue	5	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Immob. Data	Gray	2	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
F-CAN High	White	6	Data	OBDII Diagnostic connector, under driver dash	White	16
F-CAN Low	Red	14	Data	OBDII Diagnostic connector, under driver dash	White	16
Lock	Green	24	(-)	Driver Door Harness connector, at driver kick panel	White	25
Unlock	Pink	25	(-)	Driver Door Harness connector, at driver kick panel	White	25
2013-2015 Honda Accord Crosstour						
Accessory	Orange	4	(+)	Ignition Switch	White	5
Ignition	Blue	2	(+)	Ignition Switch	White	5
Power 12V	White	1	(+)	Ignition Switch	White	5
Starter	Yellow	5	(+)	Ignition Switch	White	5
B-CAN High	Pink	4	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
B-CAN Low	Blue	5	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Immob. Data	Lt. Green	2	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
F-CAN High	White	6	Data	OBDII Diagnostic connector, under driver dash	White	16
F-CAN Low	Red	14	Data	OBDII Diagnostic connector, under driver dash	White	16
Lock	Orange	34	(-)	Power Window Master Switch in door	Gray	37
Unlock	Brown and White	33 & 31	(-)	Power Window Master Switch in door	Gray	37
2015 Honda Fit						
Accessory 1	Lt. Green	4	(+)	Ignition Switch	White	5
Ignition	Red	2	(+)	Ignition Switch	White	5
Power 12V	White	1	(+)	Ignition Switch	White	5
Starter	Green	5	(+)	Ignition Switch	White	5
B-CAN High	Pink	4	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
B-CAN Low	Blue	5	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Immob. Data	Blue	2	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
F-CAN High	White	6	Data	OBDII Diagnostic connector, under driver dash	White	16
F-CAN Low	Red	14	Data	OBDII Diagnostic connector, under driver dash	White	16
Lock	Green	17	(-)	Driver Door Harness connector, at driver kick panel	White	24
Unlock	Gray	12	(-)	Driver Door Harness connector, at driver kick panel	White	24
2016 Honda HR-V						
Accessory 1	Violet	4	(+)	Ignition Switch	White	5
Ignition	Red	2	(+)	Ignition Switch	White	5
Power 12V	White	1	(+)	Ignition Switch	White	5
Starter	Green	5	(+)	Ignition Switch	White	5
B-CAN High	Pink	4	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
B-CAN Low	Blue	5	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Immob. Data	Blue	2	Data	Immobilizer Control Unit right of steering column under ignition switch	Gray	7
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
F-CAN High	White	6	Data	OBDII Diagnostic connector, under driver dash	White	16
F-CAN Low	Red	14	Data	OBDII Diagnostic connector, under driver dash	White	16
Lock	Red	17	(-)	Driver Door Harness connector, at driver kick panel	White	24
Unlock	Lt.Green	12	(-)	Driver Door Harness connector, at driver kick panel	White	24

Installation Type 2



Important!

- The Hood Pin and Remote Start Safety Override Switch are mandatory safety devices, but are NOT supplied with the DBALL.
- Refer to the Wiring Reference Chart section for more information on specific wiring and connections.



----- Not required in D2D mode.

[1] Tach wire is an optional connection required on some remote starters, which do not support a tach signal in D2D.

[2] This connection is **only** required when the EIPS (Engine Idle Protection System) feature is activated.

All connectors are displayed from the wire side (unless specified otherwise).

Type 2 - Vehicle Wiring Reference Chart

Wire Info				Connector Info		
Function	Color	Pin	Type	Name, Location	Color	Pins
2013-2015 Honda Accord (Smart Key)						
Power 12V	White	1	(+)	Dash Sub Relay Box left of steering column	White	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	Blue	12
Accessory 1	Gray	24	(+)	Keyless Access Control Unit left of steering column	Gray	24
Accessory 2	Green	23	(+)	Keyless Access Control Unit left of steering column	Gray	24
F-CAN High	White	4	Data	Keyless Access Control Unit left of steering column	Gray	24
F-CAN Low	Red	5	Data	Keyless Access Control Unit left of steering column	Gray	24
Ignition	White	11	(+)	Keyless Access Control Unit left of steering column	Gray	24
Starter	Lt. Blue	18	(+)	Keyless Access Control Unit left of steering column	Gray	24
B-CAN High	Pink	6	Data	Keyless Access Control Unit left of steering column	Tan	28
B-CAN Low	Blue	7	Data	Keyless Access Control Unit left of steering column	Tan	28
Immob. Data	Gray	21	Data	Keyless Access Control Unit left of steering column	Tan	28
PTS	Green	8	(-)	Keyless Access Control Unit left of steering column	Tan	28
Horn	Lt. Blue to Orange	32	(-)	Horn Switch or dash fuse box	Green	36
2014-2015 Honda Accord Hybrid (Smart Key)						
Power 12V	White	1	(+)	Dash Sub Relay Box left of steering column	White	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	Blue	12
Accessory 1	Gray	24	(+)	Keyless Access Control Unit left of steering column	Gray	24
Accessory 2	Green	23	(+)	Keyless Access Control Unit left of steering column	Gray	24
F-CAN High	Green	4	Data	Keyless Access Control Unit left of steering column	Gray	24
F-CAN Low	Lt. Green	5	Data	Keyless Access Control Unit left of steering column	Gray	24
Ignition	White	11	(+)	Keyless Access Control Unit left of steering column	Gray	24
Starter	Lt. Blue	18	(+)	Keyless Access Control Unit left of steering column	Gray	24
B-CAN High	Pink	6	Data	Keyless Access Control Unit left of steering column	Tan	28
B-CAN Low	Blue	7	Data	Keyless Access Control Unit left of steering column	Tan	28
Immob. Data	Gray	21	Data	Keyless Access Control Unit left of steering column	Tan	28
PTS	Green	8	(-)	Keyless Access Control Unit left of steering column	Tan	28
Horn	Lt. Blue to Orange	32	(-)	Horn Switch or dash fuse box	Green	36
2013-2015 Honda Accord Crosstour (Smart Key)						
Power 12V	Yellow	1	(+)	Dash Sub Relay Box left of steering column	White	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
Accessory 1	Gray	24	(+)	Keyless Access Control Unit left of steering column	Gray	24
Accessory 2	Green	23	(+)	Keyless Access Control Unit left of steering column	Gray	24
F-CAN High	White	4	Data	Keyless Access Control Unit left of steering column	Gray	24
F-CAN Low	Red	5	Data	Keyless Access Control Unit left of steering column	Gray	24
Ignition	White	11	(+)	Keyless Access Control Unit left of steering column	Gray	24
Starter	Lt. Green	18	(+)	Keyless Access Control Unit left of steering column	Gray	24
B-CAN High	Pink	6	Data	Keyless Access Control Unit left of steering column	Tan	28
B-CAN Low	Blue	7	Data	Keyless Access Control Unit left of steering column	Tan	28
Immob. Data	Lt. Green	21	Data	Keyless Access Control Unit left of steering column	Tan	28
PTS	Green	8	(-)	Keyless Access Control Unit left of steering column	Tan	28
Horn	Yellow	30	(-)	Driver dash fuse box	Green	33
2015 Honda CR-V (Smart Key)						
Power 12V	White	1	(+)	Dash Sub Relay Box above Glovebox	White	2
Accessory 1	Tan	24	(+)	Keyless Access Control Unit above glovebox	Gray	4
Accessory 2	Pink	23	(+)	Keyless Access Control Unit above glovebox	Gray	4
Parking Lights	Blue	8	(-)	Headlight switch connector, at Headlight switch	White	12
Ignition	Blue	11	(+)	Keyless Access Control Unit above glovebox	Gray	24
Starter	Red	18	(+)	Keyless Access Control Unit above glovebox	Gray	24
F-CAN High	White	4	Data	Keyless Access Control Unit above glovebox	Gray	24
F-CAN Low	Red	5	Data	Keyless Access Control Unit above glovebox	Gray	24
Immob. Data	Yellow	21	Data	Keyless Access Control Unit above glovebox	Gray	28
PTS	Brown	8	(-)	Keyless Access Control Unit above glovebox	Gray	28
B-CAN High	Pink	6	Data	Keyless Access Control Unit above glovebox	Gray	28
B-CAN Low	Blue	7	Data	Keyless Access Control Unit above glovebox	Gray	28
Horn	Orange or Violet	35	(-)	Horn Switch or dash fuse box	White	38
Lock	Lt. Green or Red	N/A	(-)	Passenger door harness, at passenger kickpanel	N/A	N/A
Unlock	Tan or Orange	N/A	(-)	Passenger door harness, at passenger kickpanel	N/A	N/A

Type 2 - Vehicle Wiring Reference Chart

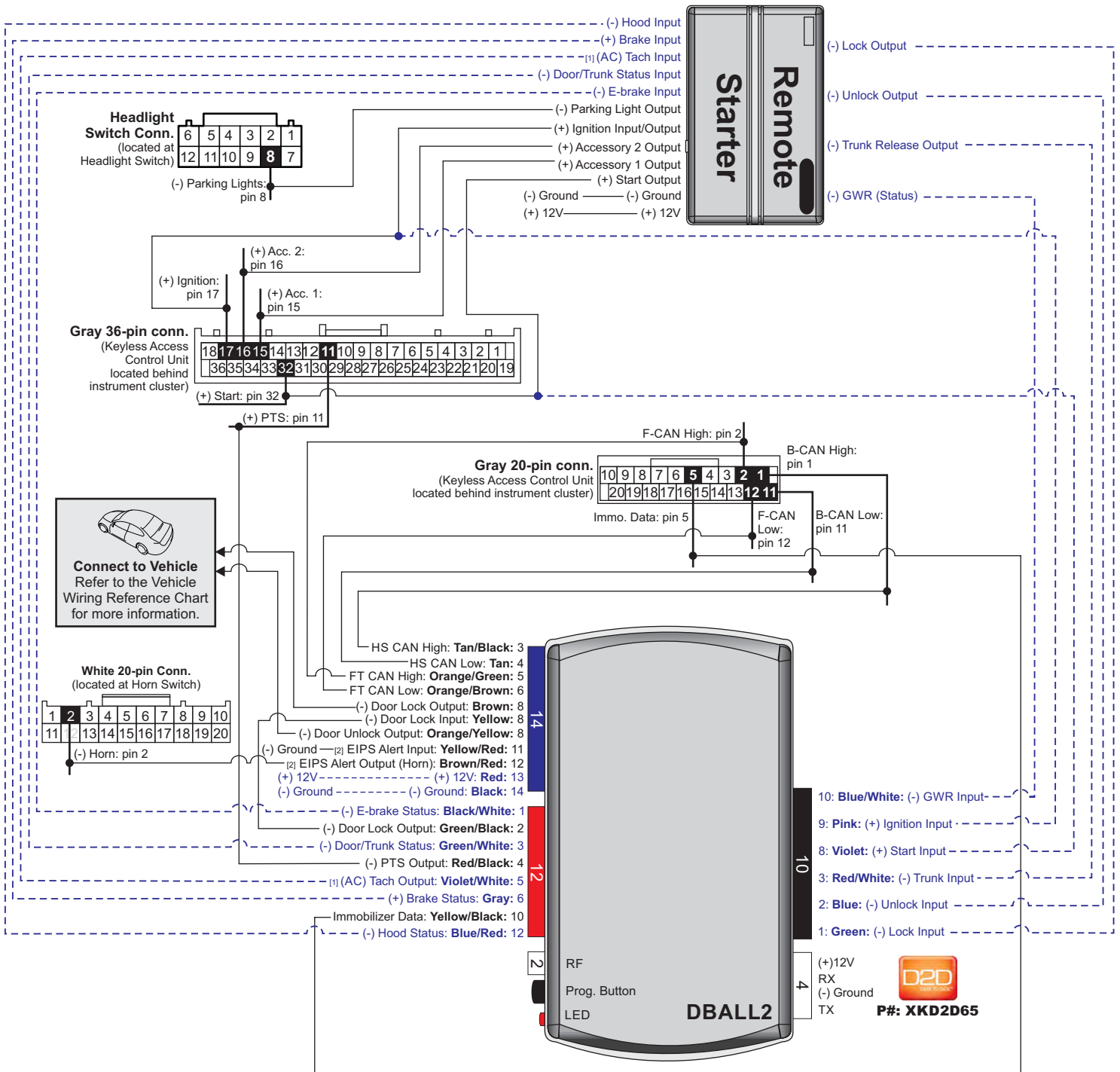
Wire Info				Connector Info		
Function	Color	Pin	Type	Name, Location	Color	Pins
2014-2015 Acura RLX (Smart Key)						
Power 12V	Yellow	1	(+)	Dash Sub Relay Box left of steering column	White	2
Parking Lights	Pink	8	(-)	Headlight switch connector, at Headlight switch	White	12
Accessory 1	Orange	24	(+)	Keyless Access Control Unit left of steering column	Gray	24
Accessory 2	Red	23	(+)	Keyless Access Control Unit left of steering column	Gray	24
F-CAN High	Lt. Blue	4	Data	Keyless Access Control Unit left of steering column	Gray	24
F-CAN Low	Gray	5	Data	Keyless Access Control Unit left of steering column	Gray	24
Ignition	Blue	11	(+)	Keyless Access Control Unit left of steering column	Gray	24
Starter	Lt. Blue	18	(+)	Keyless Access Control Unit left of steering column	Gray	24
B-CAN High	Red	6	Data	Keyless Access Control Unit left of steering column	Tan	28
B-CAN Low	White	7	Data	Keyless Access Control Unit left of steering column	Tan	28
Immob. Data	Red	21	Data	Keyless Access Control Unit left of steering column	Tan	28
PTS	Blue	8	(-)	Keyless Access Control Unit left of steering column	Tan	28
Horn	Orange	10 or 16	(-)	Horn Switch or below dash fuse box	White	20 or 28

Installation Type 3



Important!

- The Hood Pin and Remote Start Safety Override Switch are mandatory safety devices, but are NOT supplied with the DBALL.
- Refer to the Wiring Reference Chart section for more information on specific wiring and connections.



---- Not required in D2D mode.

[1] Tach wire is an optional connection required on some remote starters, which do not support a tach signal in D2D.

[2] This connection is **only** required when the EIPS (Engine Idle Protection System) feature is activated.

All connectors are displayed from the wire side (unless specified otherwise).

Type 3 - Vehicle Wiring Reference Chart

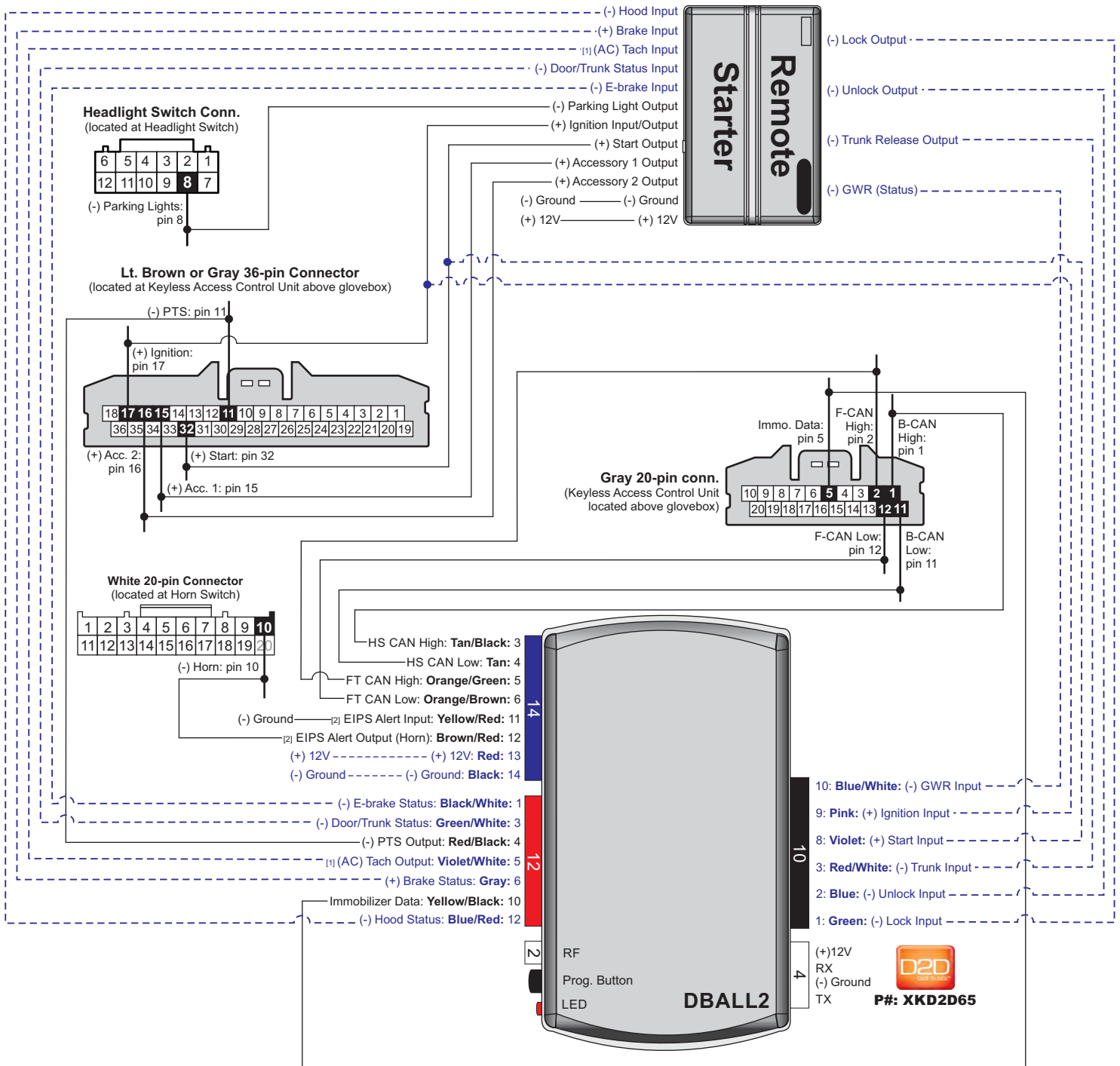
Wire Info				Connector Info		
Function	Color	Pin	Type	Name, Location	Color	Pins
2015 Honda Fit (Smart Key)						
Power 12V	Red	1	(+)	Dash fusebox	White	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
Horn	Violet	2	(-)	Horn Switch	White	20
B-CAN High	Pink	1	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
B-CAN Low	Blue	11	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
F-CAN High	White	2	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
F-CAN Low	Red	12	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
Immob. Data	Blue	5	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
Lock	Green	17	(-)	Driver Door Harness connector, at driver kick panel	White	25
Unlock	Gray	12	(-)	Driver Door Harness connector, at driver kick panel	White	25
Accessory 1	Gray	16	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36
Accessory 2	Lt. Blue	15	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36
Ignition	Pink	17	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36
PTS	Lt. Blue	11	(-)	Keyless Access Control Unit behind instrument cluster	Gray	36
Starter	Green	32	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36
2016 Honda HR-V (Smart Key)						
Power 12V	Red	1	(+)	Dash fusebox	Green	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
Horn	Violet	2	(-)	Horn Switch	White	20
B-CAN High	Pink	1	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
B-CAN Low	Blue	11	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
F-CAN High	White	2	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
F-CAN Low	Red	12	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
Immob. Data	Blue	5	Data	Keyless Access Control Unit behind instrument cluster	Gray	20
Lock	Red	17	(-)	Driver Door Harness connector, at driver kick panel	White	24
Unlock	Lt. Green	12	(-)	Driver Door Harness connector, at driver kick panel	White	24
Accessory 1	Gray	16	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36
Accessory 2	Lt. Blue	15	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36
Ignition	Pink	17	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36
PTS	Lt. Blue	11	(-)	Keyless Access Control Unit behind instrument cluster	Gray	36
Starter	Green	32	(+)	Keyless Access Control Unit behind instrument cluster	Gray	36

Installation Type 4



Important!

- The Hood Pin and Remote Start Safety Override Switch are mandatory safety devices, but are NOT supplied with the DBALL.
- Refer to the Wiring Reference Chart section for more information on specific wiring and connections.



----- Not required in D2D mode.

[1] Tach wire is an optional connection required on some remote starters, which do not support a tach signal in D2D.

[2] This connection is **only** required when the EIPS (Engine Idle Protection System) feature is activated.

All connectors are displayed from the wire side (unless specified otherwise).

Type 4 - Vehicle Wiring Reference Chart

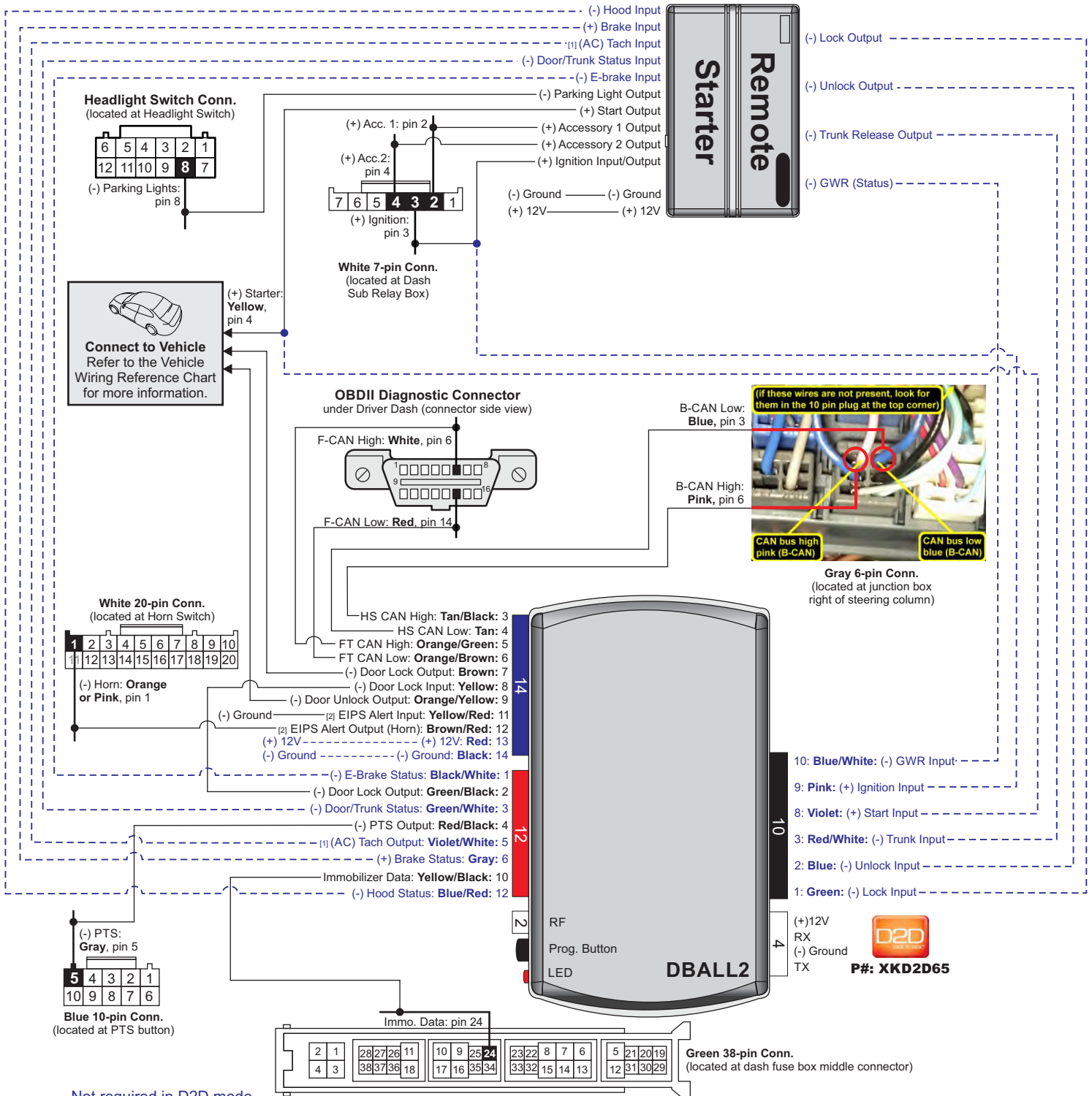
Wire Info				Connector Info		
Function	Color	Pin	Type	Name, Location	Color	Pins
2014-2015 Acura MDX (Smart Key)						
Power 12V	White	1	(+)	Dash Sub Relay Box above glovebox	White	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
Horn	Violet	10	(-)	Horn Switch	White	20
B-CAN High	Pink	1	Data	Keyless Access Control Unit above glovebox	Gray	20
B-CAN Low	Blue	11	Data	Keyless Access Control Unit above glovebox	Gray	20
F-CAN High	White	2	Data	Keyless Access Control Unit above glovebox	Gray	20
F-CAN Low	Black	12	Data	Keyless Access Control Unit above glovebox	Gray	20
Immob. Data	Violet	5	Data	Keyless Access Control Unit above glovebox	Gray	20
Accessory 2	Blue	16	(+)	Keyless Access Control Unit above glovebox	Gray	36
Accessory 1	White	15	(+)	Keyless Access Control Unit above glovebox	Gray	36
Ignition	Pink	17	(+)	Keyless Access Control Unit above glovebox	Gray	36
PTS	Gray	11	(-)	Keyless Access Control Unit above glovebox	Gray	36
Starter	Lt. Blue	32	(+)	Keyless Access Control Unit above glovebox	Gray	36
2014-2015 Acura TLX						
Power 12V	Yellow or White	1	(+)	Dash Sub Relay Box above glovebox	White	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
Horn	Blue or Orange	10	(-)	Horn Switch	White	20
B-CAN High	Pink	1	Data	Keyless Access Control Unit above glovebox	Gray	20
B-CAN Low	Blue	11	Data	Keyless Access Control Unit above glovebox	Gray	20
F-CAN High	White or Lt. Blue	2	Data	Keyless Access Control Unit above glovebox	Gray	20
F-CAN Low	Red or Gray	12	Data	Keyless Access Control Unit above glovebox	Gray	20
Immob. Data	White	5	Data	Keyless Access Control Unit above glovebox	Gray	20
Accessory 2	Gray	16	(+)	Keyless Access Control Unit above glovebox	Gray	36
Accessory 1	Green	15	(+)	Keyless Access Control Unit above glovebox	Gray	36
Ignition	Blue	17	(+)	Keyless Access Control Unit above glovebox	Gray	36
PTS	Green	11	(-)	Keyless Access Control Unit above glovebox	Gray	36
Starter	Yellow	32	(+)	Keyless Access Control Unit above glovebox	Gray	36

Installation Type 5



Important!

- The Hood Pin and Remote Start Safety Override Switch are mandatory safety devices, but are NOT supplied with the DBALL.
- Refer to the Wiring Reference Chart section for more information on specific wiring and connections.



--- Not required in D2D mode.

[1] Tach wire is an optional connection required on some remote starters, which do not support a tach signal in D2D.

[2] This connection is **only** required when the EIPS (Engine Idle Protection System) feature is activated.

Unless specified otherwise, all connectors are displayed from the wire side, with the exception of the OBDII diagnostic connector.

Type 5 - Vehicle Wiring Reference Chart

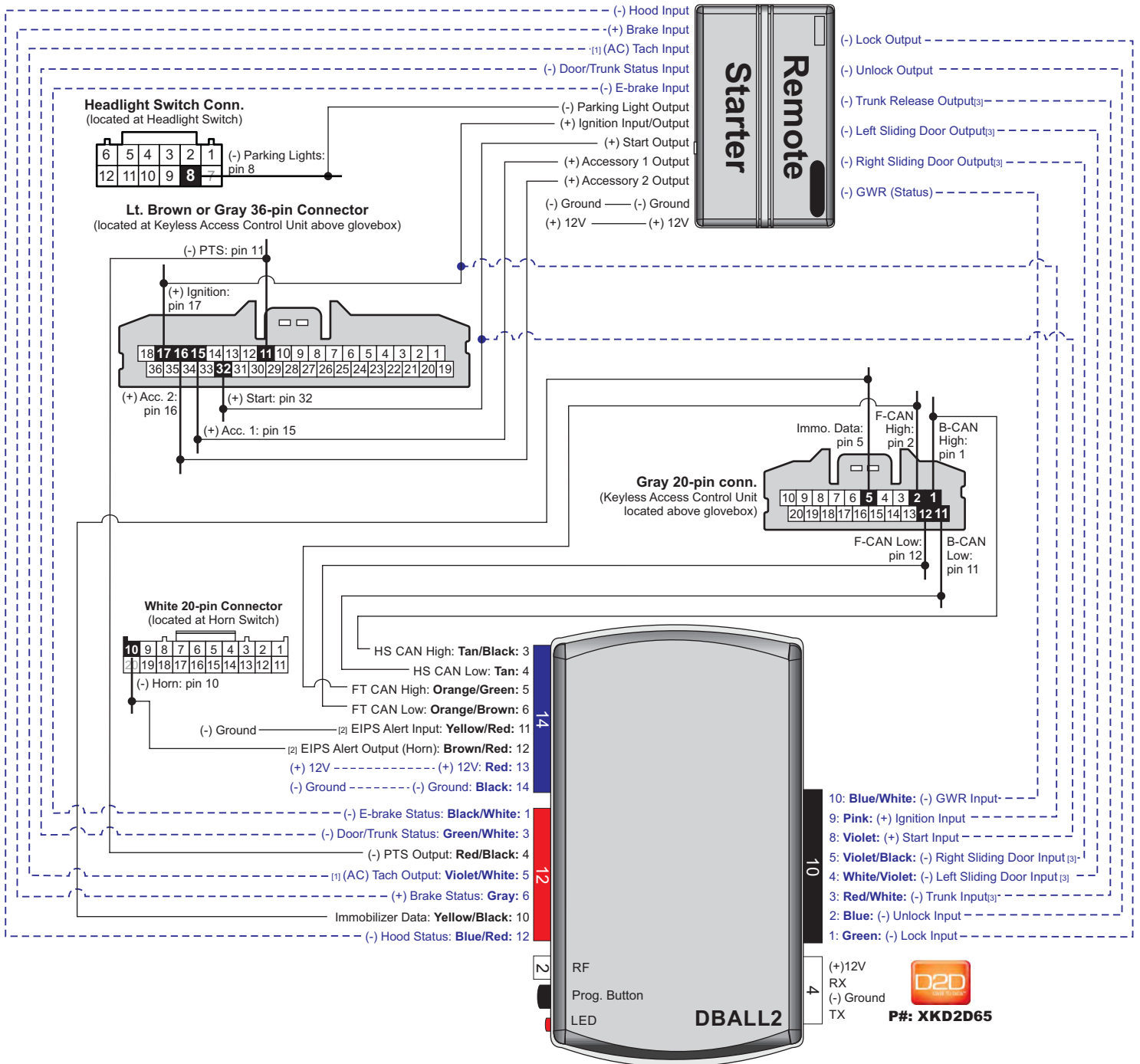
Wire Info				Connector Info		
Function	Color	Pin	Type	Name, Location	Color	Pins
2014-2015 Honda Civic (Smart Key) & Civic Hybrid (Smart Key)						
Power 12V	Red	1	(+)	Dash Sub Relay Box above dash fuse box	White	2
B-CAN High	Pink	6	Data	Junction connector right side of steering column	Gray	6
B-CAN Low	Blue	3	Data	Junction connector right side of steering column	Gray	6
Accessory 1	Gray	2	(+)	Dash Sub Relay Box above dash fuse box	White	7
Accessory 2	Green	4	(+)	Dash Sub Relay Box above dash fuse box	White	7
Ignition	White	3	(+)	Dash Sub Relay Box above dash fuse box	White	7
PTS	Gray	5	(-)	Engine Start/Stop Switch	Blue	10
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
Starter	Yellow	4	(+)	Next to OBDII connector	White	16
F-CAN High	White	6	Data	OBDII Diagnostic connector, under driver dash	White	16
F-CAN Low	Red	14	Data	OBDII Diagnostic connector, under driver dash	White	16
Horn	Orange or Pink	1	(-)	Horn Switch	White	20
Lock	Blue	11	(-)	Driver Door Harness connector, at driver kick panel	Blue	25
Unlock	Gray	18	(-)	Driver Door Harness connector, at driver kick panel	Blue	25
Immob. Data	Lt. Green	24	Data	Middle connector above dash fusebox	White	38

Installation Type 6



Important!

- The Hood Pin and Remote Start Safety Override Switch are mandatory safety devices, but are NOT supplied with the DBALL.
- Refer to the Wiring Reference Chart section for more information on specific wiring and connections.



---- Not required in D2D mode.

[1] Tach wire is an optional connection required on some remote starters, which do not support a tach signal in D2D.

[2] This connection is **only** required when the EIPS (Engine Idle Protection System) feature is activated.

[3] Power Liftgate and Sliding Doors control are only available when the engine is off.

Unless specified otherwise, all connectors are displayed from the wire side, with the exception of the OBDII diagnostic connector.

Type 6 - Vehicle Wiring Reference Chart


Wire Info				Connector Info		
Function	Color	Pin	Type	Name, Location	Color	Pins
2014-2015 Honda Odyssey (Smart Key)						
Power 12V	Green	1	(+)	Dash Sub Relay Box above dash fuse box	White	2
Parking Lights	Gray	8	(-)	Headlight switch connector, at Headlight switch	White	12
Horn	Violet	10	(-)	Horn Switch	White	20
B-CAN High	Pink	1	Data	Keyless Access Control Unit above gas pedal	Gray	20
B-CAN Low	Blue	11	Data	Keyless Access Control Unit above gas pedal	Gray	20
F-CAN High	White	2	Data	Keyless Access Control Unit above gas pedal	Gray	20
F-CAN Low	Black	12	Data	Keyless Access Control Unit above gas pedal	Gray	20
Immob. Data	Violet	5	Data	Keyless Access Control Unit above gas pedal	Gray	20
Accessory 1	White	15	(+)	Keyless Access Control Unit above gas pedal	Gray	36
Accessory 2	Blue	16	(+)	Keyless Access Control Unit above gas pedal	Gray	36
Ignition	Violet	17	(+)	Keyless Access Control Unit above gas pedal	Gray	36
PTS	Gray	11	(-)	Keyless Access Control Unit above gas pedal	Gray	36
Starter	Lt. Blue	32	(+)	Keyless Access Control Unit above gas pedal	Gray	36

Module Programming

 Refer to the LED Diagnostics section for more information and for troubleshooting purposes.

Important

Make all the required connections to the vehicle, as described in the wiring diagram(s) found in this guide, and double check to ensure everything is correct prior to moving onto the next step.

 **Warning!** To take advantage of advanced features, you must use XpressVIP 4.5 (and higher) or the Directechs Mobile app.

Flashing a module using your computer:

1. Connect the interface module to your computer using the XKLoader2.
2. Go to www.directechs.com using Internet Explorer, and select the **Flash Module** button.
3. Follow the instructions to select your vehicle, installation type, and configure your options.
4. Once you have configured the firmware options, click on the **FLASH** button.

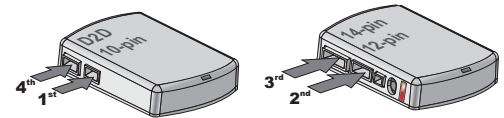
Flashing a module using your smartphone or tablet

1. Connect the interface module to your XKLoader3.
2. Launch the Directechs Mobile app on your smartphone or tablet.
3. Select **FLASH YOUR MODULE** and follow the on screen instructions.

When the flashing operation is successful, you can proceed with the programming instructions below.

D2D Installation

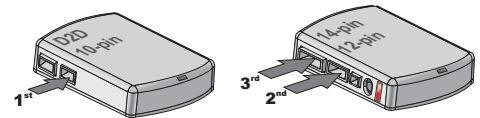
If required for your installation, connect the 10-pin, 12-pin and 14-pin harnesses to the module, then connect the 4-pin D2D harness.



OR

W2W Installation

If required for your installation, connect the 10-pin and 12-pin harnesses to the module, then connect the 14-pin harness to the module.



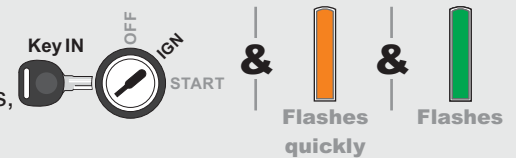
For Key-type vehicles

- 1 Wait until the LED turns ON solid red.
Note: To skip the transponder programming and use convenience features only, press the programming button 5 times. The LED will turn orange then proceed to step 2.



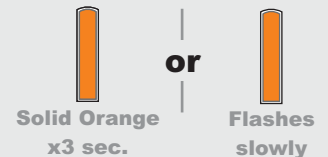
- 2 Turn Ignition on. The LED flashes orange quickly for approximately 5 seconds, then flashes green (may flash green for 25 seconds).

Note: If the LED flashes red 3 or 4 times after the initial 25 seconds, wait an extra 30 seconds.




- 3 If the LED flashes slowly orange, Key2GO programming will be required for your vehicle. Disconnect the module and complete the **Key2GO** programming.

If the transponder programming was skipped, the LED turns ON solid orange for 3 seconds then shuts OFF when programming is done.




Go to the next page to complete the module programming. 

For Push-To-Start (PTS) vehicles

 Refer to the LED Diagnostics section for more information and for troubleshooting purposes.

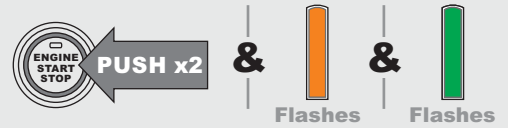
- 1 Wait until the LED turns ON solid red.

Note: To skip the transponder programming and use convenience features only, press the programming button 5 times. The LED will turn orange then proceed to step 2.




Solid
- 2 Turn Ignition on. The LED flashes orange quickly for approximately 5 seconds, then flashes green (may flash green for 25 seconds).


Note: If the LED flashes red 3 or 4 times after the initial 25 seconds, wait an extra 30 seconds.


- 3 If the LED flashes slowly orange, Key2GO programming will be required for your vehicle. Disconnect the module and complete the **Key2GO** programming.

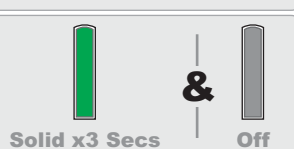
If the transponder programming was skipped, the LED turns ON solid orange for 3 seconds then shuts OFF when programming is done.



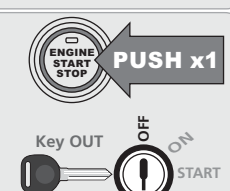
Web Programming (for Key2GO)

 Refer to the LED Diagnostics section on page n for more information and for troubleshooting purposes. Version 4.5 or higher of XpressVIP must be installed on your computer to complete this programming sequence.

- 1 Remove the module from the vehicle and reconnect it to your computer. The web site will automatically recognize that you are moving onto the second phase of the programming sequence.
- 2 Click on **Submit Key2GO Request**.
- 3 Once the configuration is completed, reconnect the module. The LED turns ON solid green for 3 seconds, then turns off.


- 4 Push the Ignition button once again to shut off.
or
Turn the Ignition Off and remove the key from the ignition barrel.

If the LED flashes red 3 or 4 times, continue waiting for at least 30 sec.



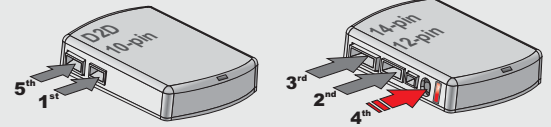
You have successfully completed the module programming sequence.

Module Reset

A module reset will only erase programming performed in the previous steps. All settings (firmware) and settings flashed to the module using the web config tool will not be affected.

D2D Installation

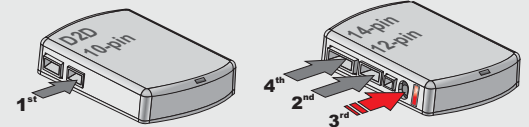
If required for your installation, connect the 10-pin, 12-pin & 14-pin harnesses to the module. Press and hold the programming button, then connect the 4-pin D2D harness.



1 OR

W2W Installation

If required for your installation, connect the 10-pin & 12-pin harnesses to the module. Press and hold the programming button, then connect the 14-pin harness to the module.



2

Wait 3 seconds until the LED turns ON solid orange then release the programming button. The LED then turns ON solid red.



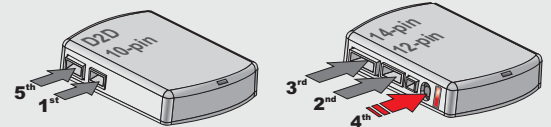
Hard Reset

Warning Against Executing a Hard Reset!

A hard reset will revert the flashed firmware back to its default settings. Depending on the installation, some settings (such as RFTD and D2D options) may have to be reconfigured. See the **Feature & Option List** section of this guide.

D2D Installation

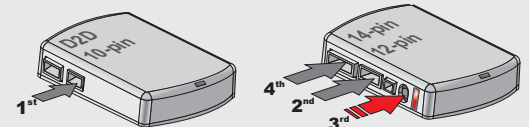
If required for your installation, connect the 10-pin, 12-pin & 14-pin harnesses to the module. Press and hold the programming button, then connect the 4-pin D2D harness.



1 OR

W2W Installation

If required for your installation, connect the 10-pin & 12-pin harnesses to the module. Press and hold the programming button, then connect the 14-pin harness to the module.



2

Wait 3 seconds until the LED turns ON solid orange, and wait 10 more seconds until the LED starts to flash orange and red.



3

Release the programming button. The LED turns ON solid red.



Feature & Option List

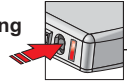
It is recommended to configure all the features and options listed below using the configuration tool found on the module flashing page on www.directechs.com. The web offers more options; however, manual configuration of the features is possible using the information on this page.

*** Default Option**

Feat.	Operation	Flashes/Options	Description
1	RFTD Output Type	1. No RF Output*	Module is connected to a remote starter using a standard installation.
		2. RFTD Output	Module is connected to an XL202 using an RSR or RXT installation (when available).
		3. SmartStart	Module is connected to SmartStart using an RSR or RXT installation (when available).
2	Unlock Driver Priority	1. Driver Priority*	Unlocks only the driver door on first press and unlocks all doors on a second press within 5 seconds.
		2. Unlock All	Unlocks all doors on first press.
3	Automatic Controlled Door Lock	1. Disabled*	No operation.
		2. Ignition	Locks all doors when ignition is ON. Unlocks all doors when ignition turns OFF.
		3. Brake	Locks all doors when brake pedal is pressed while the vehicle is running. Unlocks all doors when ignition turns OFF.
		4. Speed	Locks all doors when the vehicle is moving. Unlocks all doors when ignition turns OFF.
4	Smart OEM Alarm Control	1. Disabled	The OEM alarm will not be controlled by DBALL upon remote start. No disarm or arm command will be executed at the beginning or end of the sequence; it must be controlled by the Remote Starter.
		2. Safelock	Smart OEM Alarm Control will behave like a standard Safelock feature on a remote starter. It will unlock at the beginning of the sequence, and relock after start and shutdown.
		3. Enabled*	Smart OEM Alarm Control will synchronize with the OEM alarm so that it will disarm and rearm the vehicle in the remote start sequence, only when required. The reason for this is, factory alarm control must often be done by lock or unlock operation. This could create unnecessary actions on door lock modules, such as the horn to honk. When possible, Smart OEM Alarm Control will monitor the alarm and door lock status to detect if the disarm or rearm is required. If the vehicle is unlocked or is not equipped with factory alarm, the disarm/rearm will not be executed. Smart OEM Alarm Control will also monitor the remote starter actions so that the factory alarm control is not done twice. A remote starter, for which the Safelock feature is active, will work perfectly with this option and will make it invisible to the user.

Feature Programming

Programming
Button



To enter feature programming routine

- Turn the ignition ON, then OFF.
- **Within 5 seconds**, press and HOLD the programming button until the LED turns ON orange (after 3 seconds). Release the Programming button.
- The LED will flash green once slowly to indicate the feature number is 1. After a short delay, the LED flashes red rapidly to indicate the current option of feature 1 (i.e. 1x green followed by 1x red indicates feature 1 is set to option 1). The flashing sequence will repeat until a new command is entered.

Changing feature options

- Press the lock/arm or unlock/disarm button on aftermarket transmitter to change the option of the selected feature.
- The LED flashes red rapidly the number of times equal to the current option number. After a short delay, the LED flashes green slowly the number of times to indicate the current feature. The flashing sequence will repeat until a new command is entered.

Accessing another feature

- Press and release the programming button a number of times to advance from the current feature to the next desired feature.
- The LED flashes green slowly the number of times equal to the feature number. After a short delay, the LED flashes red rapidly to indicate the current option of the current feature. The flashing sequence will repeat until a new command is entered.

When the maximum number of features or options is reached, the LED will start flashing again from the first feature or option.













Once a feature is programmed






- Other features can be programmed.
- The feature programming can be exited.

Exiting feature programming

- No activity for 30 seconds; after 30 seconds, the LED will turn ON orange for 2 seconds to confirm the end of the programming sequence.
OR
- Press and HOLD the programming button for 3 seconds. After 3 seconds, the LED will turn ON orange for 2 seconds to confirm the end of the programming sequence.

LED Diagnostics & Troubleshooting

LED	Description	Troubleshooting
Module Programming		
 Off	Module has no power.	Make sure the D2D harness is connected or that the 12 Volt is present between the red and black wires. If the 12 Volt is present, the module may be defective.
 Solid red	Waiting to begin the programming sequence.	Turn ignition ON to begin the programming sequence. If the LED stays solid red after ignition being turned ON, verify HS CAN connection (Tan and Tan/Black).
 Solid orange x3 sec	Module was successfully programmed without bypass.	Normal operation. Bypass was skipped, convenience and sensing will work.
 Flashes green	OBD CAN bus detected.	Normal operation.
 Flashes orange quickly	HS CAN bus detected. Waiting for OBD CAN.	Normal operation.
 Flashes orange slowly	Ready for Key2GO programming.	Module will need to be connected to Key2Go server in order to program the bypass.
 Solid green x3 sec	Module was successfully programmed.	Normal operation
Module Programming - Error codes		
 Flashes red x 2	HS CAN not detected.	Check the Tan - Tan/Black wire connections. Wake up the data bus by turning the ignition on and try again.
 Flashes red x 3	Bypass log error.	Bypass data (Yellow/Black) was detected but calculation failed. Wait for an additional 30secs and pay attention to the LED. If still doesn't work, Please verify you have a good connection on Yellow/Black and verify your vehicle is covered on the compatibility chart online.
 Flashes red x 4	Bypass processing error.	Bypass calculation failed. Might be caused by a bad reading in the first programming attempt or by an unknown bypass value. If it fail after 2 attempts, the vehicle is not compatible with this solution. We suggest you do kit dump and fill a validation form from the Make Model Year result page.
 Flashes red x 5	Bypass data not detected.	Yellow/Black wire did not detect the expected signal. The bypass line was not detected. Confirm the connection.
External Module Synchronisation		
 (Flashes red, then orange) x 10	OBDII feature not supported.	Diagnostic data bus not detected. Some features are not supported by SmartStart. This can be caused by missing wire connections or module hardware limitation. Refer to the wiring installation section to check the connections.
Active Ground While Running		
 Flashes green	GROUND OUT ON (GWR) command received.	Otherwise, the Ground While Running (status) signal was lost or was never received by the module. Commands can come from RF, D2D or W2W.
 Flashes red & orange	IGNITION ON command received.	Otherwise, the ignition signal was not received by the module. In a W2W install, it will show only if the ignition input wire is used.
 Flashes green quickly	START ON command received.	Otherwise, the start signal was not received by the module. In a W2W install, it will show only if the ignition input wire is used.

LED	Description	Troubleshooting
D2D and W2W Commands		
 Flashes orange x5	LOCK command received.	If the bypass module fails to flash, it means the module did not receive the signal. Commands can come from RF, D2D or W2W.
 Flashes orange x5	UNLOCK command received.	
 Flashes orange x5	TRUNK command received.	
 Flashes orange x5	Left Sliding Door command received.	
 Flashes orange x5	Right Sliding Door command received.	

Limited One Year Consumer Warranty

For a period of ONE YEAR from the date of purchase of a Directed Electronics remote start or security product, Directed Electronics. ("DIRECTED") promises to the original purchaser, to repair or replace with a comparable reconditioned piece, the security or remote start accessory piece (hereinafter the "Part"), which proves to be defective in workmanship or material under normal use, provided the following conditions are met: the Part was purchased from an authorized DIRECTED dealer; and the Part is returned to DIRECTED, postage prepaid, along with a clear, legible copy of the receipt or bill of sale bearing the following information: consumer's name, address, telephone number, the authorized licensed dealer's name and complete product and Part description.

This warranty is nontransferable and is automatically void if the Part has been modified or used in a manner contrary to its intended purpose or the Part has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defect in materials or construction.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, EXCEPT AS STATED ABOVE, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NONINFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED HEREBY DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING DEALERS OR INSTALLERS. DIRECTED IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE, OR THEFT OF THE AUTOMOBILE, ITS PARTS OR CONTENTS, AND DIRECTED HEREBY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY FOR THEFT, DAMAGE, OR VANDALISM. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER'S PURCHASE PRICE OF THE PART. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR AT DIRECTED'S OPTION THE PART AS DESCRIBED ABOVE.

This warranty only covers Parts sold within the United States of America and Canada. Parts sold outside of the United States of America or Canada are sold "AS-IS" and shall have NO WARRANTY, express or implied. Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights and you may also have other rights that vary from State to State. DIRECTED does not and has not authorized any person or entity to create for it any other obligation, promise, duty or obligation in connection with this Part. For further details relating to warranty information of Directed products, please visit the support section of DIRECTED's website at: www.directed.com

920-10012-01 2013-07

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 its 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.

Protected by U.S. Patents: 5,719,551; 6,011,460 B1 *; 6,243,004 B1; 6,249,216 B1; 6,275,147 B1; 6,297,731 B1; 6,346,876 B1; 6,392,534 B1; 6,529,124 B2; 6,696,927 B2; 6,756,885 B1; 6,756,886 B2; 6,771,167 B1; 6,812,829 B1; 6,924,750 B1; 7,010,402 B1; 7,015,830 B1; 7,031,826 B1; 7,046,126 B1; 7,061,137 B1; 7,068,153 B1; 7,205,679 B1; Cdn. Patent: 2,320,248; 2,414,991; 2,415,011; 2,415,023; 2,415,027; 2,415,038; 2,415,041; 2,420,947; 2,426,670; 2,454,089; European Patent: 1,053,128; Pat. Pending: 2,291,306. Made in Canada.

Vehicle Takeover

No vehicle takeover available for push-to-start models. The engine will stop when a door is opened.

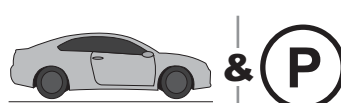
Wait at least 2 seconds before restarting the engine or an error message can appear in the vehicle information display.

Pit Stop Mode

The Pit Stop Mode feature is practical when you need to stop and run an errand, but wish to keep the engine running.

1

Stop the vehicle in a safe parking spot and put the gear in Park (P). On manual transmission vehicle, open the driver door.



Stop & put vehicle in Park (P)

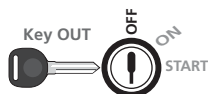
2

Press the Remote Start button on the transmitter.* The parking lights will flash once to indicate the vehicle is now in Pit Stop Mode.



3

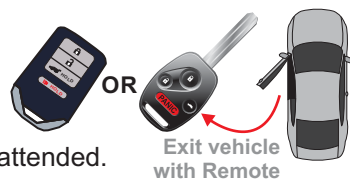
Key-type vehicles: Turn ignition OFF. Remove the key from the ignition barrel.



4

It is now safe to leave the engine running and exit the vehicle with the key in hand.

Note: We recommend that you always lock the doors of your vehicle when leaving it unattended.



* Your aftermarket remote may differ from the model shown in the illustrations.

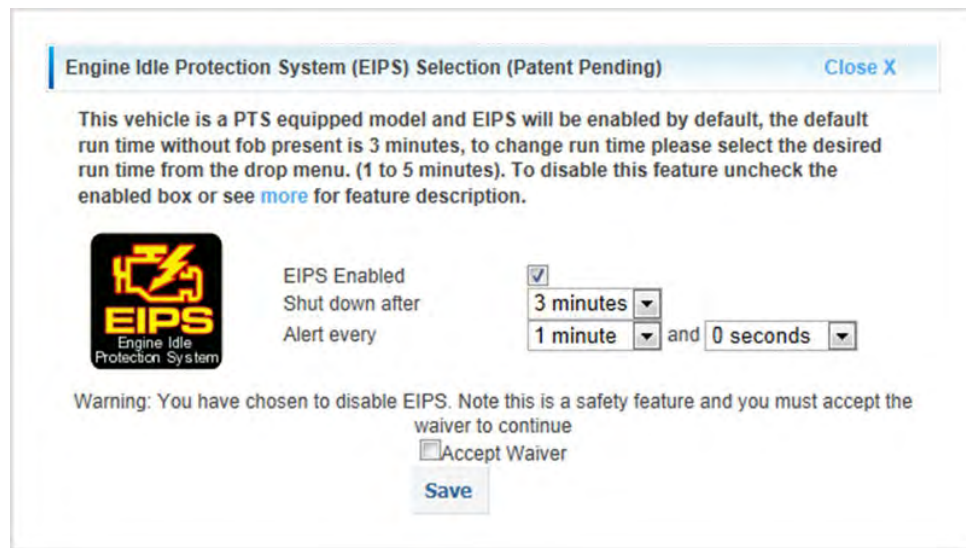
Engine Idle Protection System (EIPS)

Vehicles equipped with RFID-type Push-to-Start ignition systems work by detecting a proximity key in the vehicle. They will run indefinitely if the key is removed, which could potentially lead users to exiting the vehicle while the engine is still running and the car is left idling on its own in a garage or a confined space.

To mitigate risk, we have designed a feature that is now available on the DBALL. It will detect the presence of the RFID fob in the vehicle, through the CAN bus. If left idling for more than the pre-defined runtime (i.e. 1 to 5 minutes) without detecting the fob, DBALL will send a signal to the vehicle in order to shut off the engine.

EIPS (Engine Idle Protection System) will:

- Notify the user about the idling engine by sounding the horn with a series of short beeps.
- Shut down the engine after a pre-defined period of time (i.e. 1 to 5 minutes). EIPS is configured using XpressVIP. The following window is displayed whenever a DBALL module is flashed.



- If the engine fails to shut down due to some malfunction, EIPS will go into alarm mode and will notify the user by all means possible (e.g. horn or siren).











Activating/deactivating EIPS:

- To activate EIPS, remove all keys from the vehicle and close all doors while the engine is running.
- To deactivate EIPS, do one of the following actions:
 - Open one of the doors.
 - Remote start the vehicle.
 - Turn the engine off.
 - Drive the vehicle.*

* The EIPS feature is disabled if the vehicle is in motion so there is no risk that the vehicle will shut off while driving, regardless of the fob being present in the vehicle or not.

List of Available Commands

Note that the information below is for Viper, Clifford and Python models. Icons and commands may differ depending on the remote brand and model purchased. Refer to your authorized installation center for more information.

Button(s)	Actions
	Press & hold for 1 second to lock.
	Press & hold for 1 second to unlock.
	Press & hold for 1 second to remote start.
	Press & hold for 5 seconds to activate the trunk release (optional).
f x1 + 	Press f once, then  to activate the rear hatch/tail glass release (optional).*
f x3 + 	Press f 3 times, then  to activate the panic mode.
f x1 + 	Press f once, then  to reset the remote starter runtime.

* This output is configurable. see your authorized installation center for more information.

