

Automotive Data Solutions Inc.

INSTALL GUIDE

DBI-AL(DL)-HA6-EN

HA6

AVAILABLE FOR: DBI-AL CA

Rev. Date: October 16, 2013

Doc. No.: ##12456##

VERSION FRANÇAISE DISPONIBLE EN LIGNE AU WWW.IDATALINK.COM

PLEASE VISIT WWW.IDATALINK.COM/SUPPORT FOR COMPLETE PRODUCT DETAILS

The brand names and logos found in this guide are property of their respective owners. Automotive Data Solutions Inc. © 2013

HONDA ACURA

NOTICE: The manufacturer will accept no responsibility for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. This device must be installed by a certified technician. This guide has been written for properly trained technicians; a certain level of skill & knowledge is therefore assumed. Please review the Installation Guide carefully before beginning any work.

INSTALL TYPE SELECTION

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES													
				DATA IMMOBILIZER BYPASS	SECURE TAKEOVER	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	POWER LIFTGATE ³	TRUNK/HATCH RELEASE	DOOR STATUS OUTPUT	TRUNK STATUS OUTPUT	HOOD STATUS OUTPUT	TACHOMETER OUTPUT	E-BRAKE OUTPUT	BRAKE PEDAL STATUS OUTPUT
ACURA	MDX PTS AT ²	14	4	•		•	•	•	•	•	•		•	•	•	•	•
	RLX PTS AT ¹	14	2	•		•	•	•	•	•		•	•	•	•	•	•
HONDA	Accord PTS AT ¹	13	2	•		•	•	•	•	•		•	•	•	•	•	•
	Accord PTS MT ¹	13	7	•		•	•	•	•	•		•	•	•	•	•	•
	Accord STD key AT	13	1	•	•	•	•	•	•	•		•	•	•	•	•	•
	Accord STD key MT	13	3	•	•	•	•	•	•	•		•	•	•	•	•	•
	Accord Crosstour PTS AT ¹	13	2	•		•	•	•	•	•		•	•	•	•	•	•
	Accord Crosstour STD key AT	13	5	•	•	•	•	•	•	•		•	•	•	•	•	•
	Odyssey PTS AT ²	14	6	•		•	•	•	•	•	•	•	•	•	•	•	•

¹The Keyless Access System functionality of the vehicle's door handle will remain operational during the remote start sequence.

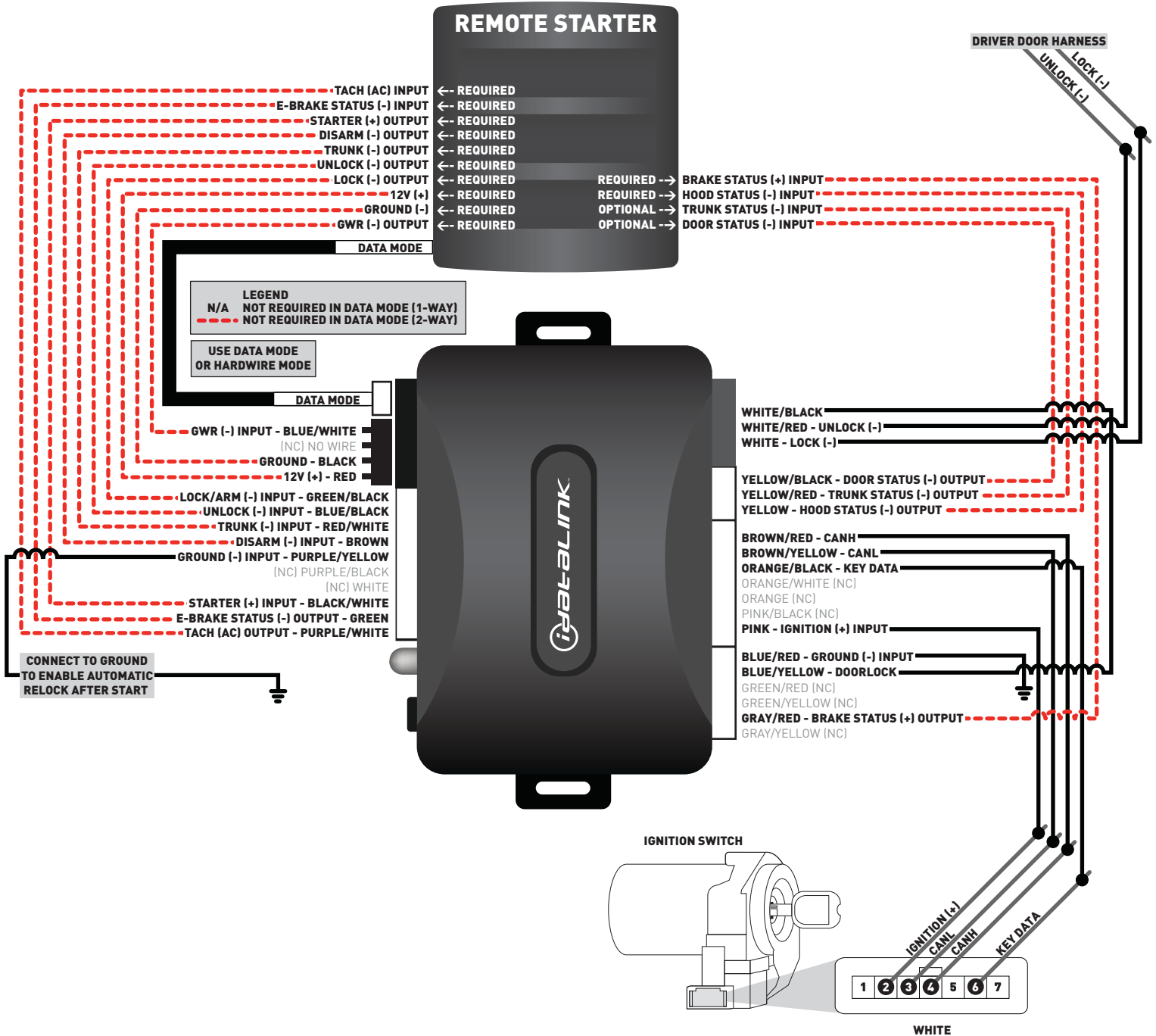
²The Keyless Access System functionality of the vehicle's door handle will NOT remain operational during the remote start sequence.

³When vehicle is remote started, feature will not be functional. Use traditional hardwired installation method for feature to be functional during remote start.

TYPE 1 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
HONDA	Accord STD key AT	13	Ignition	~	White	7 pin	2	Brown	(+)	Ignition switch	~
			CanH	~	White	7 pin	4	Pink	(DATA)	Ignition switch	~
			CanL	~	White	7 pin	3	Blue	(DATA)	Ignition switch	~
			Key Data	~	White	7 pin	6	Gray	(DATA)	Ignition switch	~
			Lock	~	~	~	~	Green	(-)	Driver door harness, behind fuse box	~
			Unlock	~	~	~	~	Pink	(-)	Driver door harness, behind fuse box	~

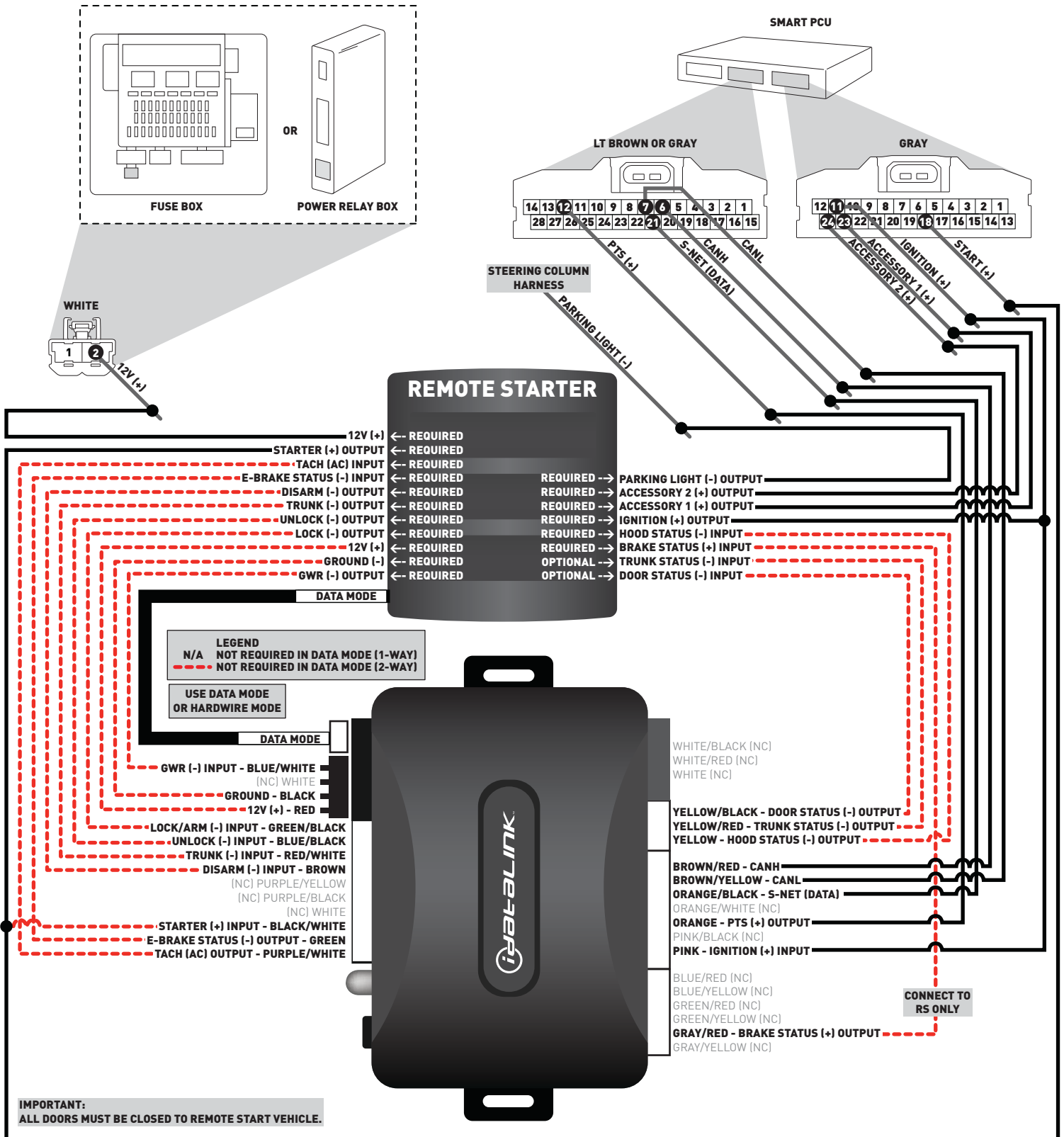
TYPE 1 - WIRING DIAGRAM



TYPE 2 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
ACURA	RLX PTS AT	14	12V	~	White	02 pin	02	Yellow or Red	(+)	At power relay box	~
			Accessory 1	~	Gray	24 pin	23	Red	(+)	Smart PCU, left side, under dash	~
			Accessory 2	~	Gray	24 pin	24	Orange	(+)	Smart PCU, left side, under dash	~
			Ignition	~	Gray	24 pin	11	DkBlue	(+)	Smart PCU, left side, under dash	~
			Starter	~	Gray	24 pin	18	Blue	(+)	Smart PCU, left side, under dash	~
			CanH	~	LtBrown	28 pin	06	Red	(DATA)	Smart PCU, left side, under dash	~
			CanL	~	LtBrown	28 pin	07	White	(DATA)	Smart PCU, left side, under dash	~
			S-Net	~	LtBrown	28 pin	21	Red	(DATA)	Smart PCU, left side, under dash	~
			Parking Light	~	~	~	~	Gray	(-)	Steering column harness	~
			PTS	~	LtBrown	28 pin	12	Gray	(+)	Smart PCU, left side, under dash	~
HONDA	Accord PTS AT	13	12V	~	White	02 pin	02	Green	(+)	Fuse box	~
			Accessory 1	~	Gray	24 pin	23	Green	(+)	Smart PCU, left side, under dash	~
			Accessory 2	~	Gray	24 pin	24	Gray	(+)	Smart PCU, left side, under dash	~
			Ignition	~	Gray	24 pin	11	White	(+)	Smart PCU, left side, under dash	~
			Starter	~	Gray	24 pin	18	Blue	(+)	Smart PCU, left side, under dash	~
			CanH	~	LtBrown	28 pin	06	Pink	(DATA)	Smart PCU, left side, under dash	~
			CanL	~	LtBrown	28 pin	07	Blue	(DATA)	Smart PCU, left side, under dash	~
			S-Net	~	LtBrown	28 pin	21	Gray	(DATA)	Smart PCU, left side, under dash	~
			Parking Light	~	~	~	~	Gray	(-)	Steering column harness	~
			PTS	~	LtBrown	28 pin	12	Blue	(+)	Smart PCU, left side, under dash	~
HONDA	Accord Crosstour PTS AT	13	12V	~	White	02 pin	02	White or Green	(+)	Fuse box	~
			Accessory 1	~	Gray	24 pin	23	Green	(+)	Smart PCU, left side, under dash	~
			Accessory 2	~	Gray	24 pin	24	Gray	(+)	Smart PCU, left side, under dash	~
			Ignition	~	Gray	24 pin	11	White	(+)	Smart PCU, left side, under dash	~
			Starter	~	Gray	24 pin	18	LtGreen	(+)	Smart PCU, left side, under dash	~
			CanH	~	Gray	28 pin	06	Pink	(DATA)	Smart PCU, left side, under dash	~
			CanL	~	Gray	28 pin	07	Blue	(DATA)	Smart PCU, left side, under dash	~
			S-Net	~	Gray	28 pin	21	LtGreen	(DATA)	Smart PCU, left side, under dash	~
			Parking Light	~	~	~	~	Gray	(-)	Steering column harness	~
			PTS	~	Gray	28 pin	12	Blue	(+)	Smart PCU, left side, under dash	~

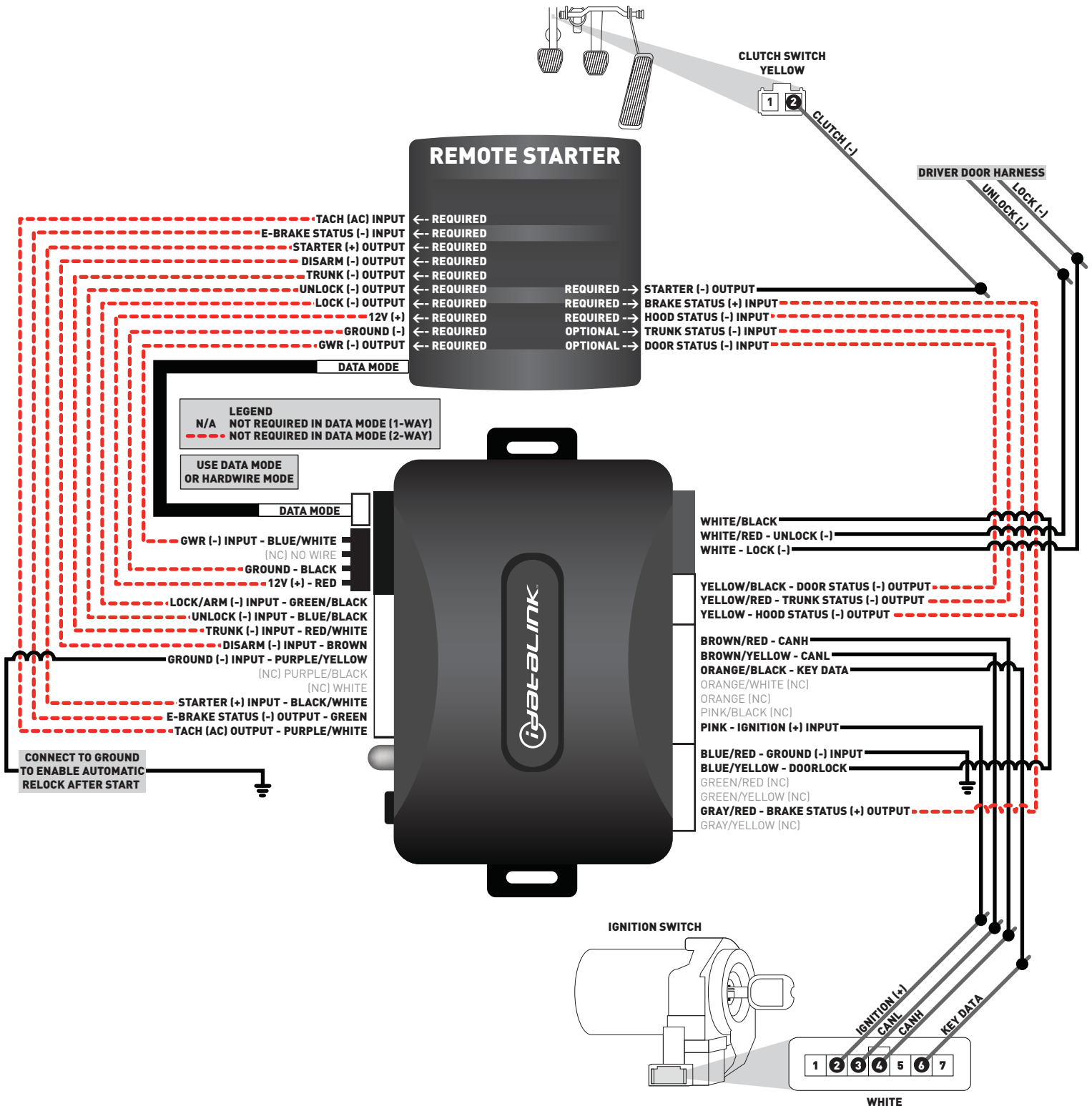
TYPE 2 - WIRING DIAGRAM



TYPE 3 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
HONDA	Accord STD key MT	13	Ignition	~	White	7 pin	2	Brown	(+)	Ignition switch	~
			CanH	~	White	7 pin	4	Pink	(DATA)	Ignition switch	~
			CanL	~	White	7 pin	3	Blue	(DATA)	Ignition switch	~
			Key Data	~	White	7 pin	6	Gray	(DATA)	Ignition switch	~
			Lock	~	~	~	~	Green	(-)	Driver door harness, behind fuse box	~
			Unlock	~	~	~	~	Pink	(-)	Driver door harness, behind fuse box	~
			Clutch	~	Yellow	2 pin	2	Brown	(-)	Clutch switch	~

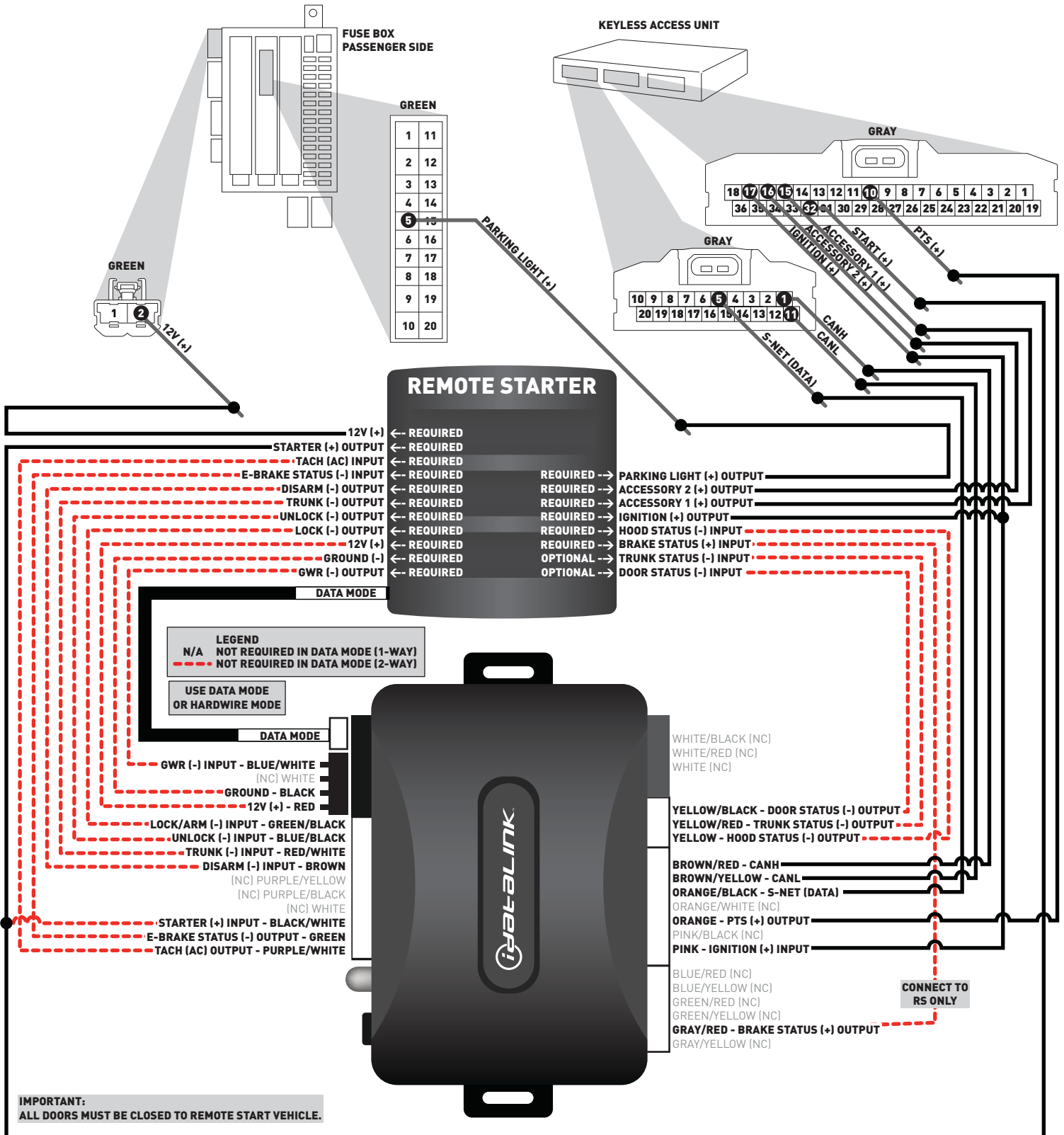
TYPE 3 - WIRING DIAGRAM



TYPE 4 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
ACURA	MDX PTS AT	14	12V	~	Green	02 pin	02	Yellow or White	(+)	Passenger side fuse box	~
			Accessory 1	~	Gray	36 pin	15	White	(+)	Keyless access unit, above glove box	~
			Accessory 2	~	Gray	36 pin	16	Blue	(+)	Keyless access unit, above glove box	~
			Ignition	~	Gray	36 pin	17	Pink	(+)	Keyless access unit, above glove box	~
			Starter	~	Gray	36 pin	32	LtBlue	(+)	Keyless access unit, above glove box	~
			CanH	~	Gray	20 pin	01	Pink	(DATA)	Keyless access unit, above glove box	~
			CanL	~	Gray	20 pin	11	LtBlue	(DATA)	Keyless access unit, above glove box	~
			S-Net	~	Gray	20 pin	05	Purple	(DATA)	Keyless access unit, above glove box	~
			Parking Light	~	Green	20 pin	05	Red	(+)	Passenger side fuse box	~
			PTS	~	Gray	36 pin	10	Black	(+)	Keyless access unit, above glove box	~

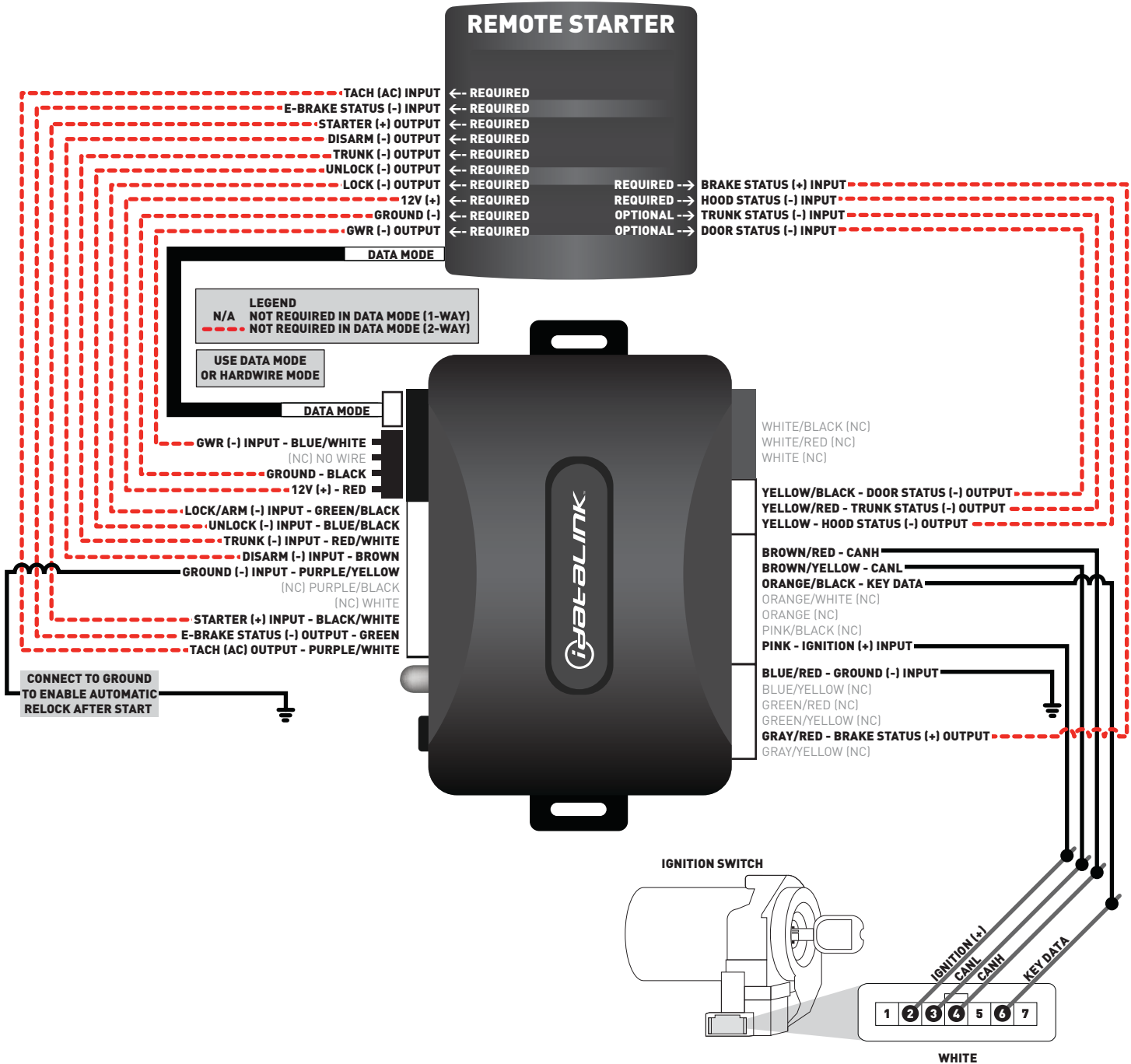
TYPE 4 - WIRING DIAGRAM



TYPE 5 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
HONDA	Accord Crosstour STD key AT	13	Ignition	~	White	7 pin	2	Yellow	(+)	Ignition switch	~
			CanH	~	White	7 pin	4	Pink	(DATA)	Ignition switch	~
			CanL	~	White	7 pin	3	Blue	(DATA)	Ignition switch	~
			Key Data	~	White	7 pin	6	LtGreen	(DATA)	Ignition switch	~

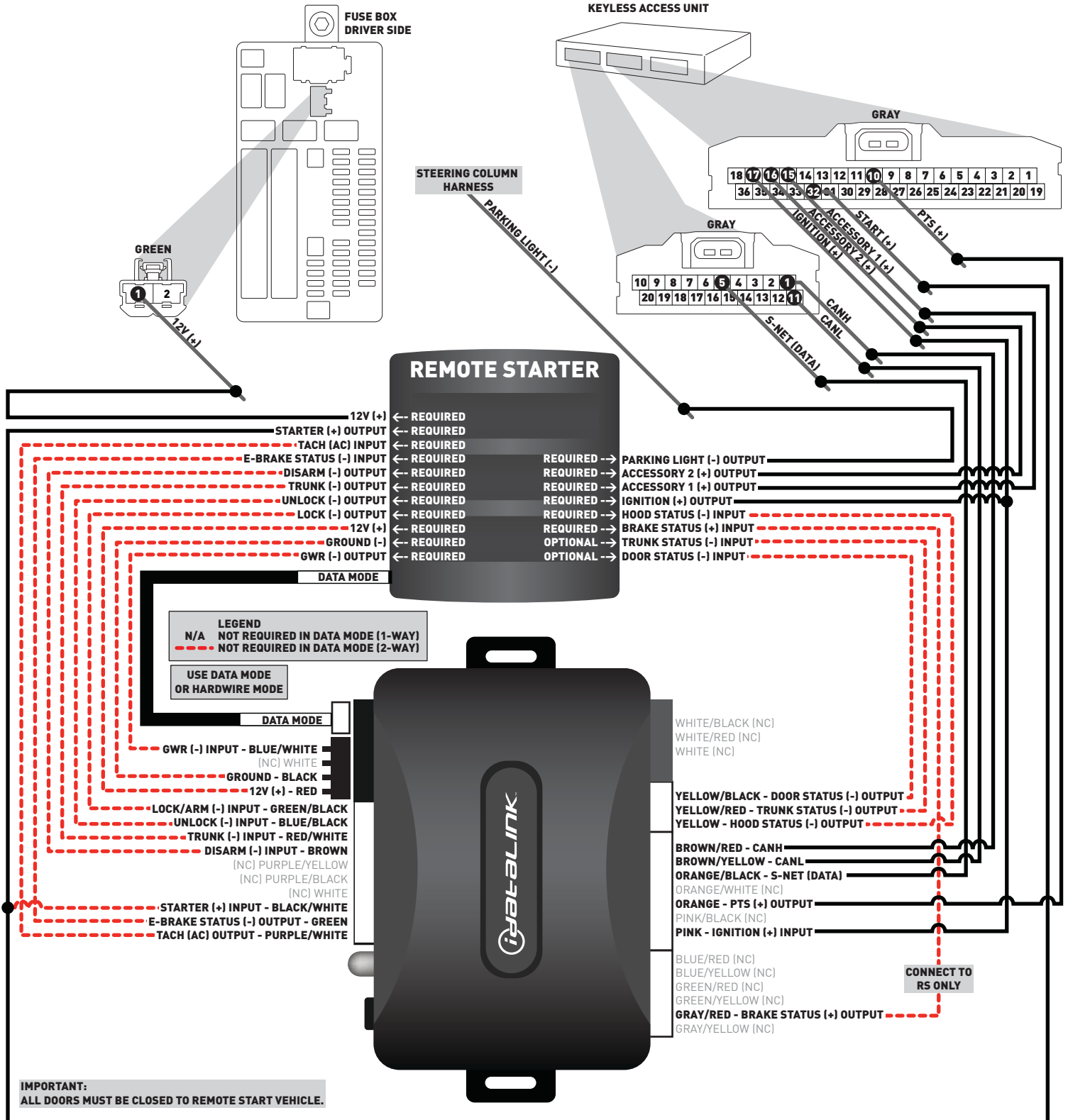
TYPE 5 - WIRING DIAGRAM



TYPE 6 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
HONDA	Odyssey PTS AT	14	12V	~	Green	02 pin	01	Green or Purple	(+)	Driver side fuse box	~
			Accessory 1	~	Gray	36 pin	15	White	(+)	Keyless access unit, above gas pedal	~
			Accessory 2	~	Gray	36 pin	16	Blue	(+)	Keyless access unit, above gas pedal	~
			Ignition	~	Gray	36 pin	17	Purple	(+)	Keyless access unit, above gas pedal	~
			Starter	~	Gray	36 pin	32	LtBlue	(+)	Keyless access unit, above gas pedal	~
			CanH	~	Gray	20 pin	01	Pink	(DATA)	Keyless access unit, above gas pedal	~
			CanL	~	Gray	20 pin	11	LtBlue	(DATA)	Keyless access unit, above gas pedal	~
			S-Net	~	Gray	20 pin	05	Purple	(DATA)	Keyless access unit, above gas pedal	~
			Parking Light	~	~	~	~	LtGray	(-)	Steering column harness	~
			PTS	~	Gray	36 pin	10	LtBlue	(+)	Keyless access unit, above gas pedal	~

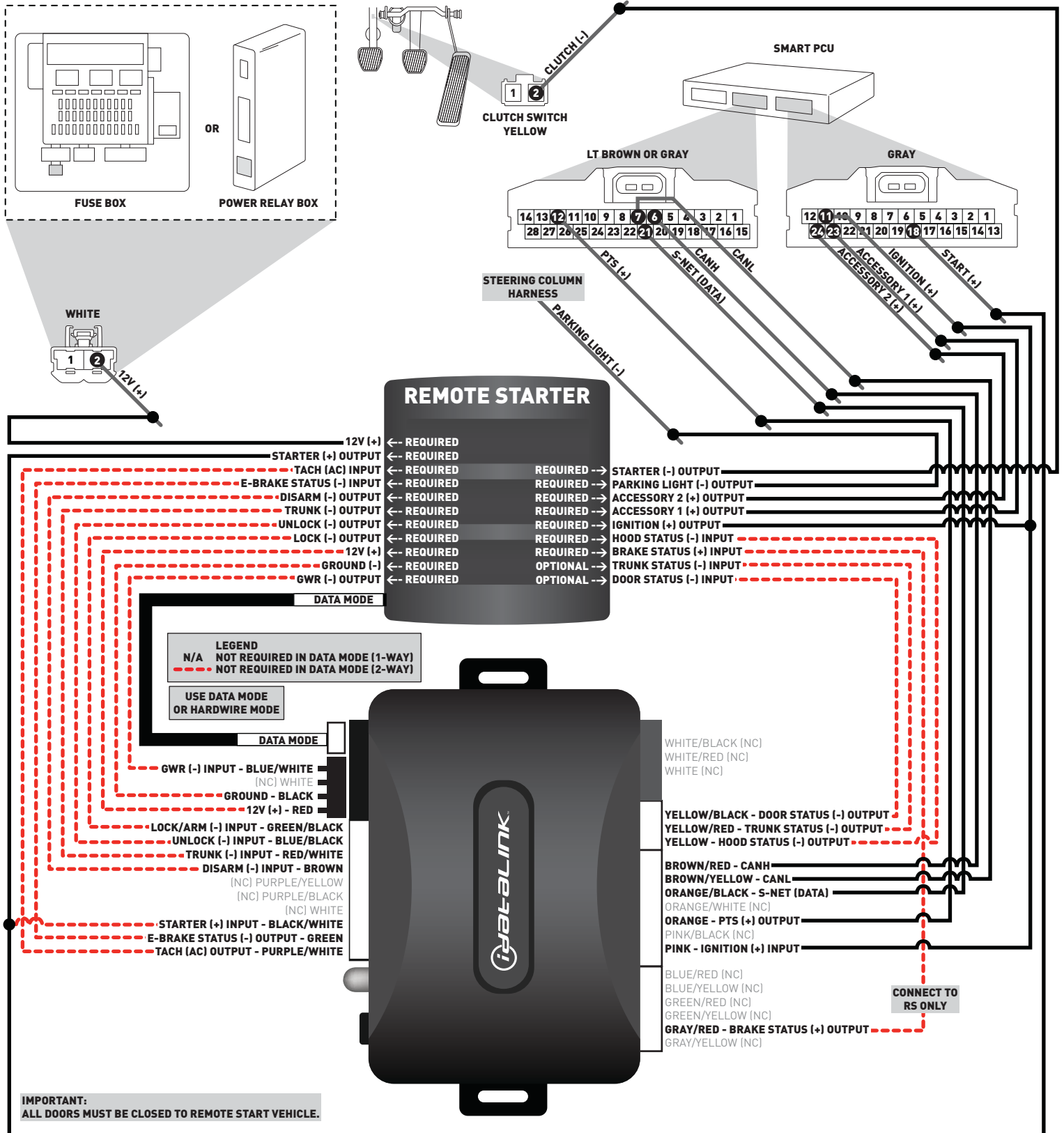
TYPE 6 - WIRING DIAGRAM



TYPE 7 - WIRE CROSS REFERENCE CHART

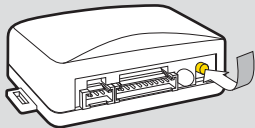
MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
HONDA	Accord PTS MT	13	12V	~	White	02 pin	02	Green	(+)	Fuse box	~
			Accessory 1	~	Gray	24 pin	23	Green	(+)	Smart PCU, left side, under dash	~
			Accessory 2	~	Gray	24 pin	24	Gray	(+)	Smart PCU, left side, under dash	~
			Ignition	~	Gray	24 pin	11	White	(+)	Smart PCU, left side, under dash	~
			Starter	~	Gray	24 pin	18	Blue	(+)	Smart PCU, left side, under dash	~
			CanH	~	LtBrown	28 pin	06	Pink	(DATA)	Smart PCU, left side, under dash	~
			CanL	~	LtBrown	28 pin	07	Blue	(DATA)	Smart PCU, left side, under dash	~
			S-Net	~	LtBrown	28 pin	21	Gray	(DATA)	Smart PCU, left side, under dash	~
			Parking Light	~	~	~	~	Gray	(-)	Steering column harness	~
			PTS	~	LtBrown	28 pin	12	Blue	(+)	Smart PCU, left side, under dash	~
			Clutch	~	Yellow	2 pin	2	Brown	(-)	Clutch switch	~



TYPE 7 - WIRING DIAGRAM

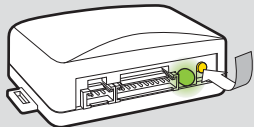


IMPORTANT:
 ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.

INSTALLATION MODE SELECTION

1  Press and release programming button to select installation mode.

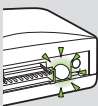
 LED flashes (1X) once = DATA MODE
 LED flashes (2X) twice = STANDARD HARDWIRE MODE

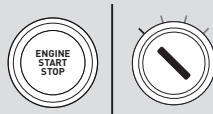
2  Press and hold programming button until LED turns solid GREEN to register selection.

! After registration, follow Factory Reset Procedure to change installation mode and restart this procedure.

MODULE PROGRAMMING PROCEDURE


1 OFF ACC **ON** START
 Turn ignition to ON position.

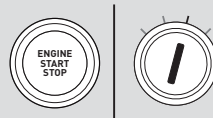
2  Wait, LED will flash GREEN rapidly.

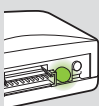
3 OFF ACC ON START
 Turn ignition to OFF position.

4  **WARNING:**
 Disconnect power last.
 Disconnect module from vehicle.

5  Connect module to computer and proceed with extended programming.

6  **WARNING:** Do not press module programming button.
 Connect power first.
 Connect module to vehicle.

7 OFF ACC **ON** START
 Turn ignition to ON position.

8  Wait, LED will turn solid GREEN for **2 seconds**.

9 OFF ACC ON START
 Turn ignition to OFF position.

10  Press UNLOCK on the OEM remote.

! If the vehicle is equipped with a power liftgate: Open and close the power liftgate with the OEM keyfob.

11 Module Programming Procedure completed.

IDENTIFY VEHICLE YEAR

1

Locate the Vehicle Identification Number (VIN) and identify the 10th character.



2

Match the VIN's 10th character to its corresponding year.

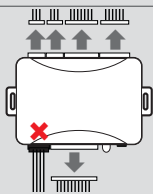
L → 1990	S → 1995	Y → 2000	5 → 2005	A → 2010
M → 1991	T → 1996	1 → 2001	6 → 2006	B → 2011
N → 1992	V → 1997	2 → 2002	7 → 2007	C → 2012
P → 1993	W → 1998	3 → 2003	8 → 2008	D → 2013
R → 1994	X → 1999	4 → 2004	9 → 2009	E → 2014

MODULE DIAGNOSTICS

LED STATUS	DIAGNOSTICS		
	DURING PROGRAMMING	DURING REMOTE START	WITH IGNITION OFF
Flashing RED	Missing/wrong information from firmware or vehicle	Incorrectly programmed	Incorrectly programmed or connected
Solid RED	Waiting for more vehicle information	Incorrectly programmed	Not programmed waiting for more vehicle information
Flashing GREEN	Additional steps required to complete programming	Correctly programmed and operational	False ground when running status from remote starter
Solid GREEN then OFF	Correctly programmed	Reset in progress	Reset in progress
OFF	No activity or already programmed	Invalid ground when running status from remote starter	At rest and ready for a remote start sequence

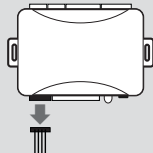
FACTORY RESET PROCEDURE

1



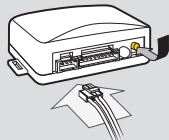
DISCONNECT all connectors from module **EXCEPT** the black 4-PIN standard or optional data connector.

2



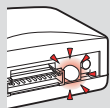
DISCONNECT black 4-PIN standard or optional data connector.

3



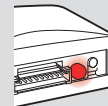
PRESS AND HOLD programming button while connecting either 4-PIN standard or optional data connector.

4



When LED flashes red, **RELEASE** programming button.

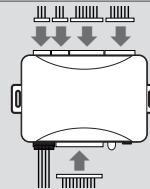
5



LED will turn solid red for 2 seconds.

RESET COMPLETED.

6



RECONNECT all connectors.

7

Repeat programming procedure.



Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.