

Automotive Data Solutions Inc.

INSTALL GUIDE ADS-AL(DL)-CH6

CH6

AVAILABLE FOR: ADS-AL CA

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VERSION FRANÇAISE DISPONIBLE EN LIGNE AU WWW.IDATALINK.COM

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CHRYSLER

Jeep

 DODGE

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	DOWNLOADABLE SOFTWARE	RS232 COMMUNICATION	2-WAY COMPATIBILITY	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	POWER LIFTGATE	TRUNK/HATCH RELEASE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	DOOR STAT OUTPUT	TRUNK STAT OUTPUT	TACHOMETER OUTPUT	DATA/MUX STARTER CTRL	BRAKE PEDAL STAT OUTPUT*
CHRYSLER	300M	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	300M w/Alarm	99-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concorde	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concorde w/Alarm	99-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LHS	99-01	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LHS w/Alarm	99-01	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Neon	00-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Pacifica	04-08	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PT Cruiser	01-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Sebring Sedan/Convertible	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Sebring Sedan/Convertible w/Alarm	01-06	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Town & Country	01-03	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Town & Country w/Alarm	01-03	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Town & Country	04-07	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Voyager	01-03	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Voyager w/Alarm	01-03	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
DODGE	Caravan/Grand Caravan	01-03	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Caravan/Grand Caravan w/Alarm	01-03	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Caravan/Grand Caravan	04-07	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Dakota	01-04	6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Dakota w/Alarm	01-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Durango	01-03	6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Durango w/Alarm	01-03	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Intrepid	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Intrepid w/Alarm	99-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Ram Pickup	02-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SRT 4	03-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Stratus Sedan	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Stratus Sedan w/Alarm	01-06	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SX 2.0	03-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
JEEP	Grand Cherokee	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Liberty	02-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Liberty	05-07	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	TJ	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Wrangler	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PLYMOUTH	Neon	00-01	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Visit our website for advanced features.

† Extra resistor and relay required.

* Brake output available ONLY with ignition ON.

DETECT OEM ALARM EQUIPPED VEHICLES

WITH OEM KEYFOB

WITHOUT OEM KEYFOB

1 Close hood and trunk/hatch.
Enter vehicle.
Close all doors.

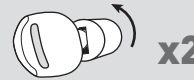
1 Open driver's door window.
Close hood and trunk/hatch.
Close all doors.

2 Press LOCK twice on OEM fob.



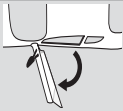
Wait 60 seconds.

2 LOCK driver's door twice using OEM key.



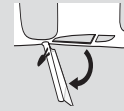
Wait 60 seconds.

3 Open driver's door.



Alarm goes on,
OEM alarm equipped vehicle.

3 Open driver's door using handle located inside vehicle.



Alarm goes on,
OEM alarm equipped vehicle.

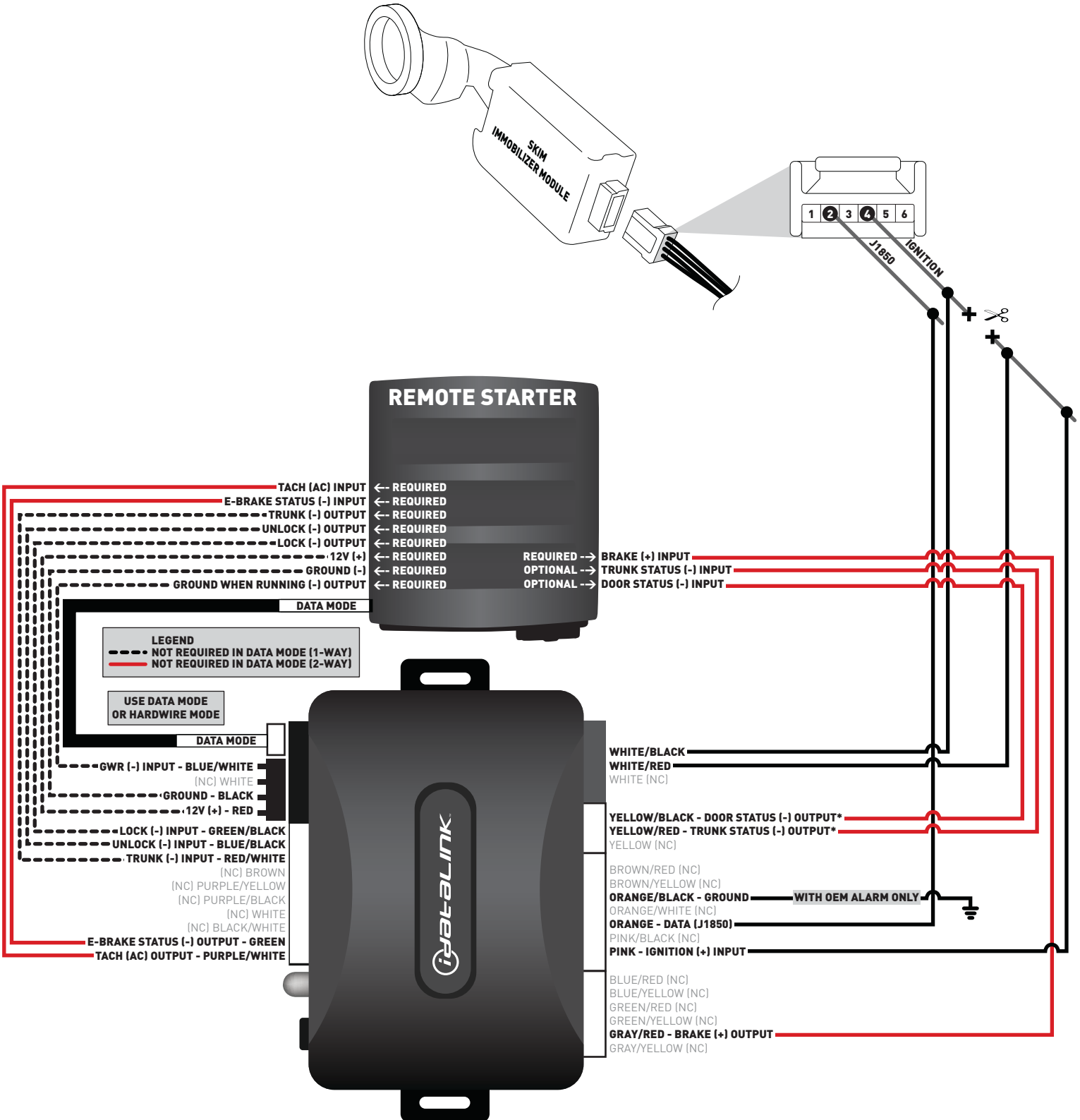
TYPE 1 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	IGNITION		J1850	
			WIRE COLOR	POSITION	WIRE COLOR	POSITION
CHRYSLER	300M ²	99-04	Blue/White	4	Violet/Yellow	2
	Concorde ²	99-04	Blue/White	4	Violet/Yellow	2
	LHS ²	99-01	Blue/White	4	Violet/Yellow	2
	Sebring Sedan/Convertible ²	01-06	Blue/White	4	Violet/Pink	2
DODGE	Intrepid ²	99-04	Blue/White	4	Violet/Yellow	2
	Stratus Sedan ²	01-06	Blue/White	4	Violet/Pink	2
JEEP	Grand Cherokee ^{1&2}	99-04	Blue/White	3	Yellow/Violet or Yellow/Black	5
	TJ ^{1&2}	01-04	Blue	4	Violet/Yellow	2
	TJ ^{1&2}	05-06	Pink/White	4	White/Violet	2
	Wrangler ^{1&2}	01-04	Blue	4	Violet/Yellow	2
	Wrangler ^{1&2}	05-06	Pink/White	4	White/Violet	2

¹ With OEM Alarm

² Without OEM Alarm

TYPE 1 - WIRING DIAGRAM

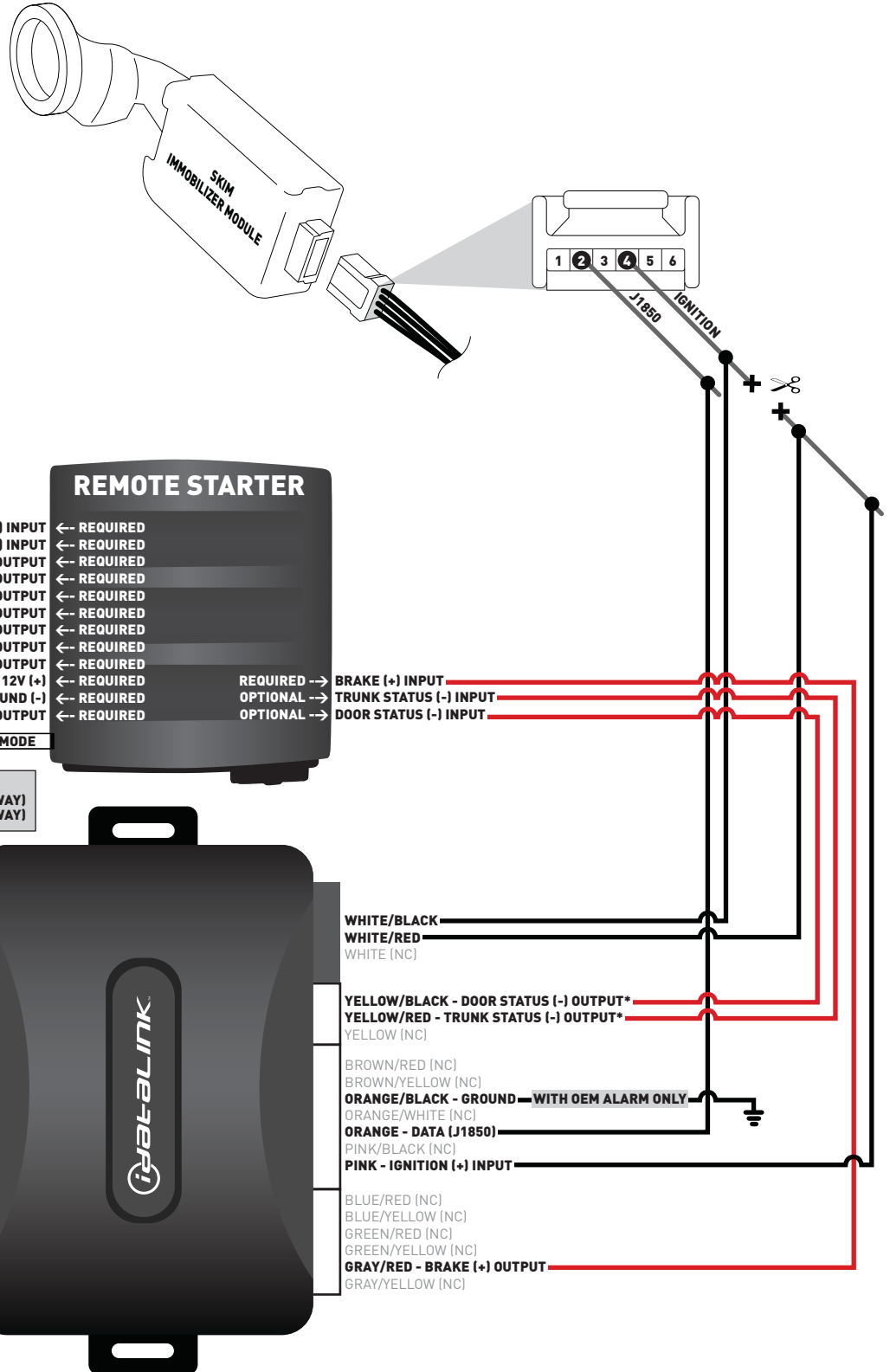


TYPE 2 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	IGNITION	J1850
			WIRE COLOR	WIRE COLOR
CHRYSLER	Pacifica	04-08	Pink/Gray	White/Violet
	Town & Country	04-07	Pink/White	White/Violet
DODGE	Caravan/Grand Caravan	04-07	Pink/White	White/Violet
JEEP	Liberty	05-07	Pink/LtGreen	White/Violet

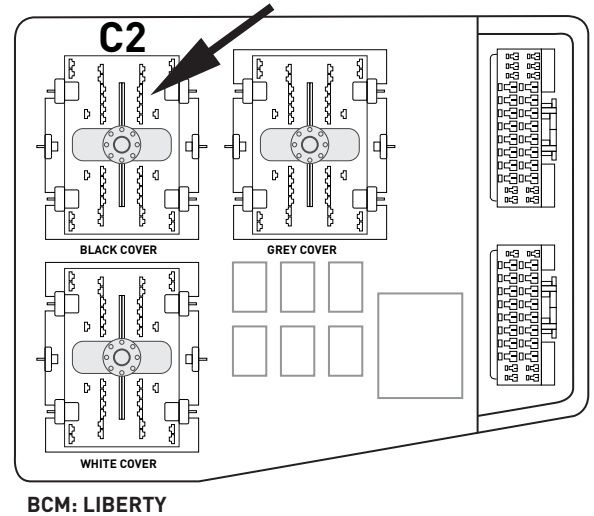
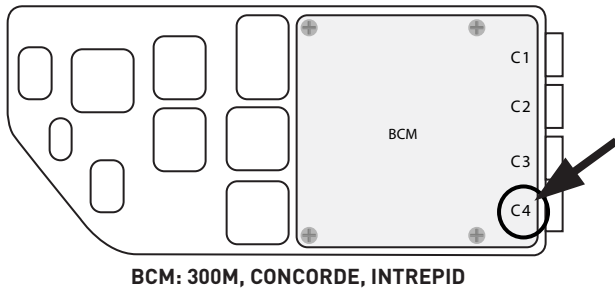
TYPE 2 - WIRING DIAGRAM

IMPORTANT:
OEM ALARM EQUIPPED VEHICLES MAY CHIRP ONCE UPON REMOTE START. TO AVOID HORN CHIRP, THE REMOTE STARTER MUST BE SET TO UNLOCK BEFORE REMOTE START AND TO LOCK AFTER REMOTE START.



IMPORTANT
IN ORDER TO CONTROL THE SECOND START FEATURE THROUGH DATA, THIS WIRE MUST BE CONNECTED TO THE VEHICLE STARTER WIRE IN PARALLEL WITH THE REMOTE STARTER STARTER (+) OUTPUT

TYPE 3 - COMPONENT LOCATOR



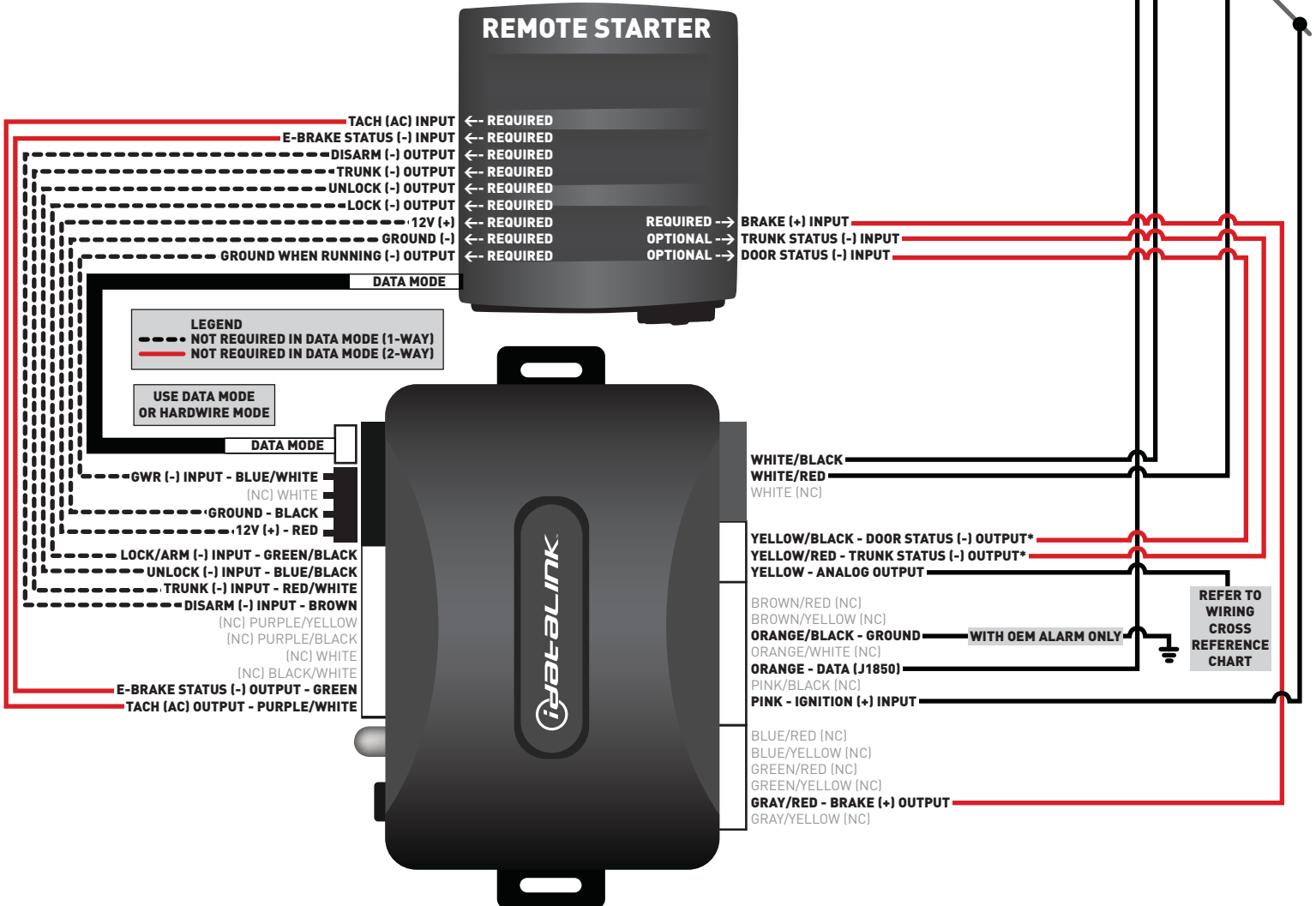
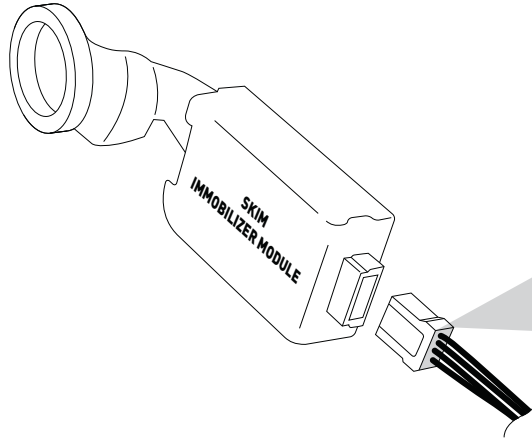
TYPE 3 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	ANALOG DOORLOCK		IGNITION	J1850
			WIRE COLOR	LOCATION		
CHRYSLER	300M ¹	99-04	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	Concorde ¹	99-04	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	LHS ¹	99-01	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	Neon ^{1&2}	00-05	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow
	PT Cruiser ¹	01-05	White/DkGreen	Harness coming from driver door	Blue/Black	Violet/Yellow
	Sebring Convertible ¹	01-06	LtGreen/Orange	At BCM, C4 Connector, Pin #4 or Harness from driver door	Blue/White	Violet/Pink
	Sebring Sedan ¹	01-06	LtGreen/Orange	At BCM, C4 Connector, Pin #4 or Harness from driver door	Blue/White	Violet/Pink
DODGE	Dakota ¹	01-04	LtGreen/Orange	Driver Kick Panel	LtGreen/Black	Violet/Yellow
	Durango ¹	01-03	LtGreen/Orange	Driver Kick Panel	LtGreen/Black	Violet/Yellow
	Intrepid ¹	99-04	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	Ram Pickup ²	02-03	White/LtGreen	Driver Kick Panel	LtGreen/Black	Violet/White
	Ram Pickup ¹	02-03	LtGreen/Orange	Driver Kick Panel	LtGreen/Black	Violet/White
	Ram Pickup ²	04-05	Purple/DkGreen	Driver Kick Panel	Pink/Gray	White/Violet
	Ram Pickup ¹	04-05	Purple/LtBlue	Driver Kick Panel	Pink/Gray	White/Violet
	SRT 4 ^{1&2}	03-05	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow
	Stratus Sedan ¹	01-06	LtGreen/Orange	At BCM, C4 Connector, Pin #4 or Harness from driver door	Blue/White	Violet/Pink
SX 2.0 ^{1&2}	03-05	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow	
JEEP	Liberty ^{1&2}	02-04	Pink/Violet	At BCM, C2 Connector, Pin #20 (See BCM image)	Blue	Yellow/Violet or Violet/Black
PLYMOUTH	Neon ^{1&2}	00-01	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow

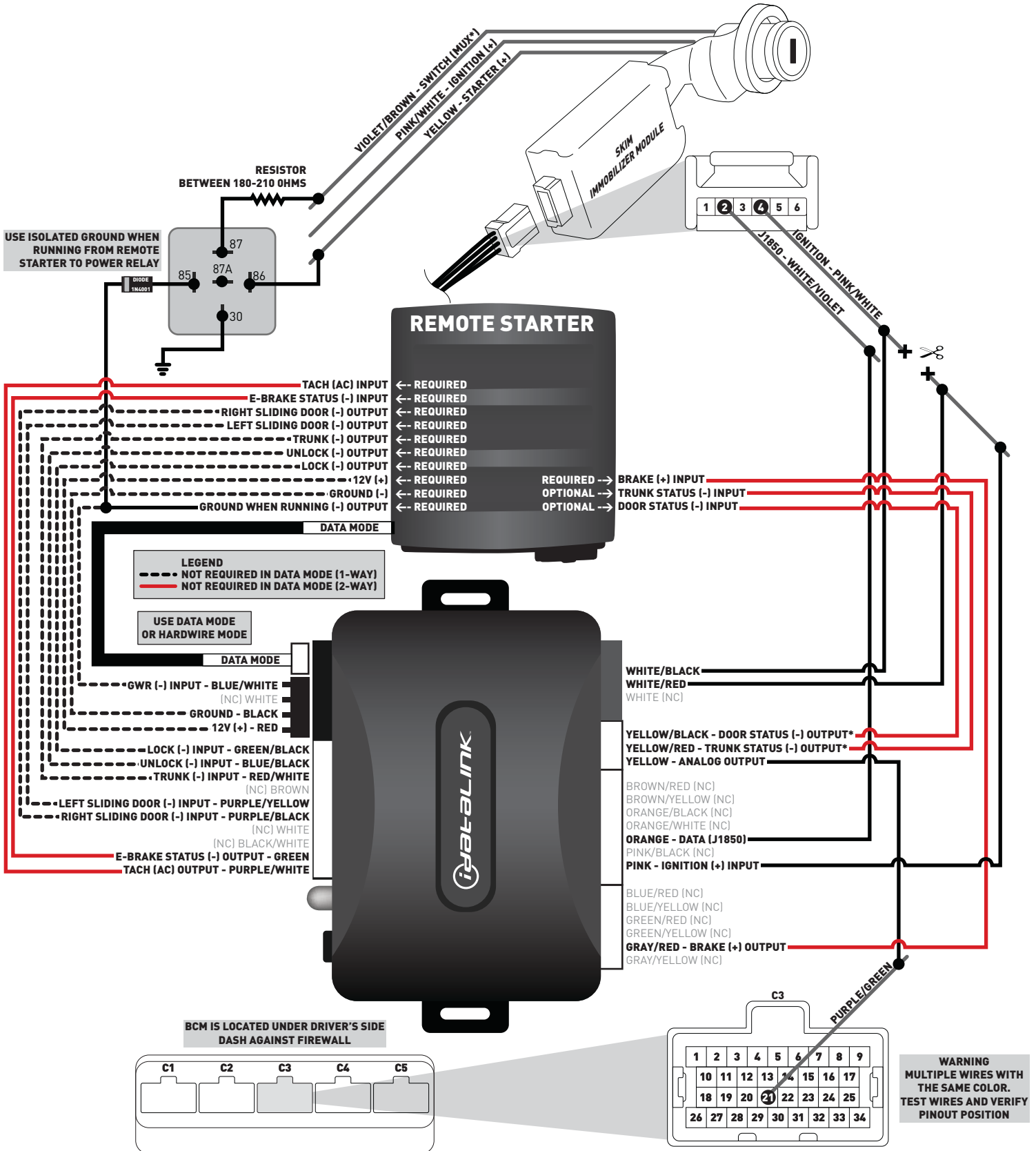
¹ With OEM Alarm

² Without OEM Alarm

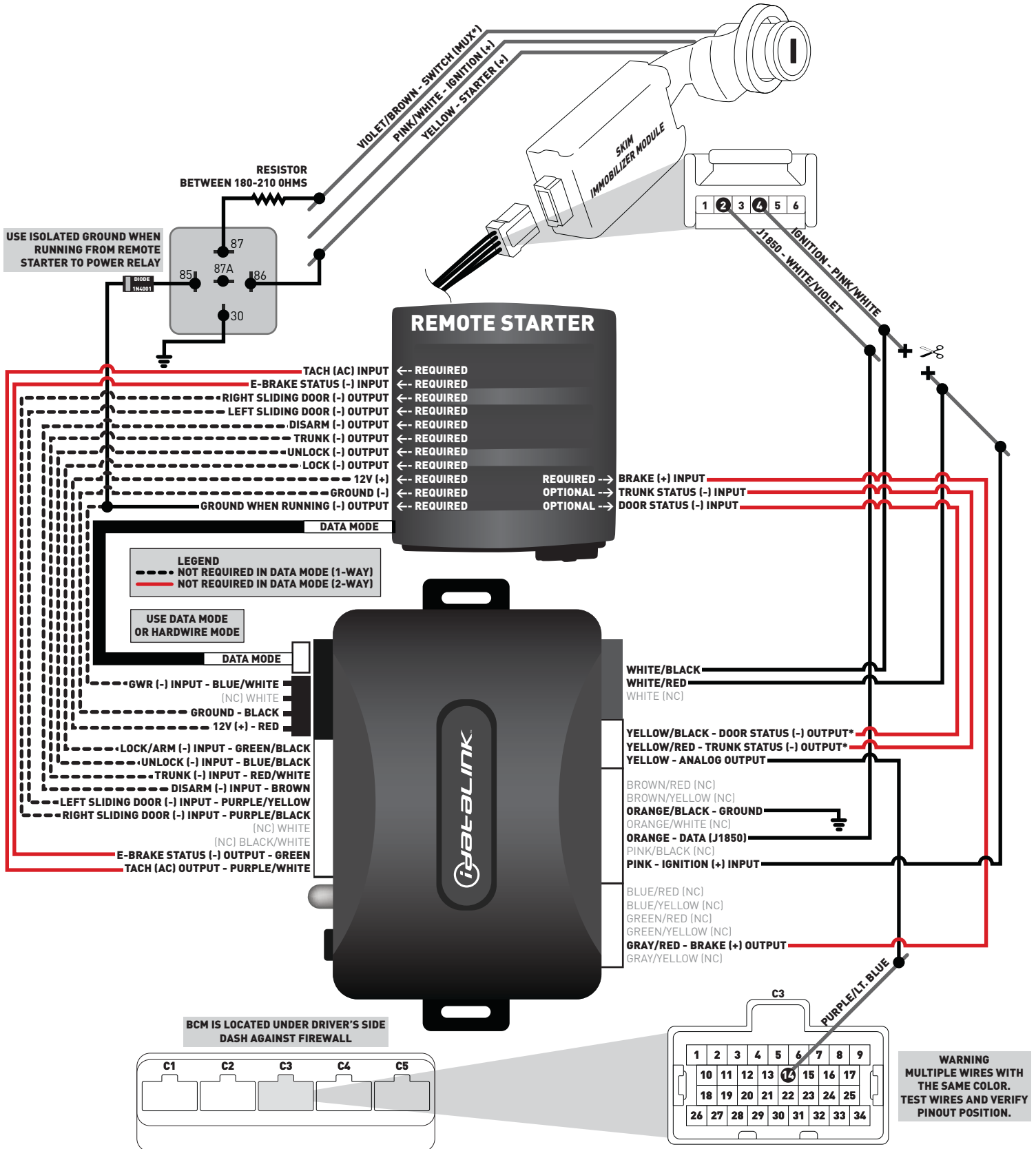
TYPE 3 - WIRING DIAGRAM



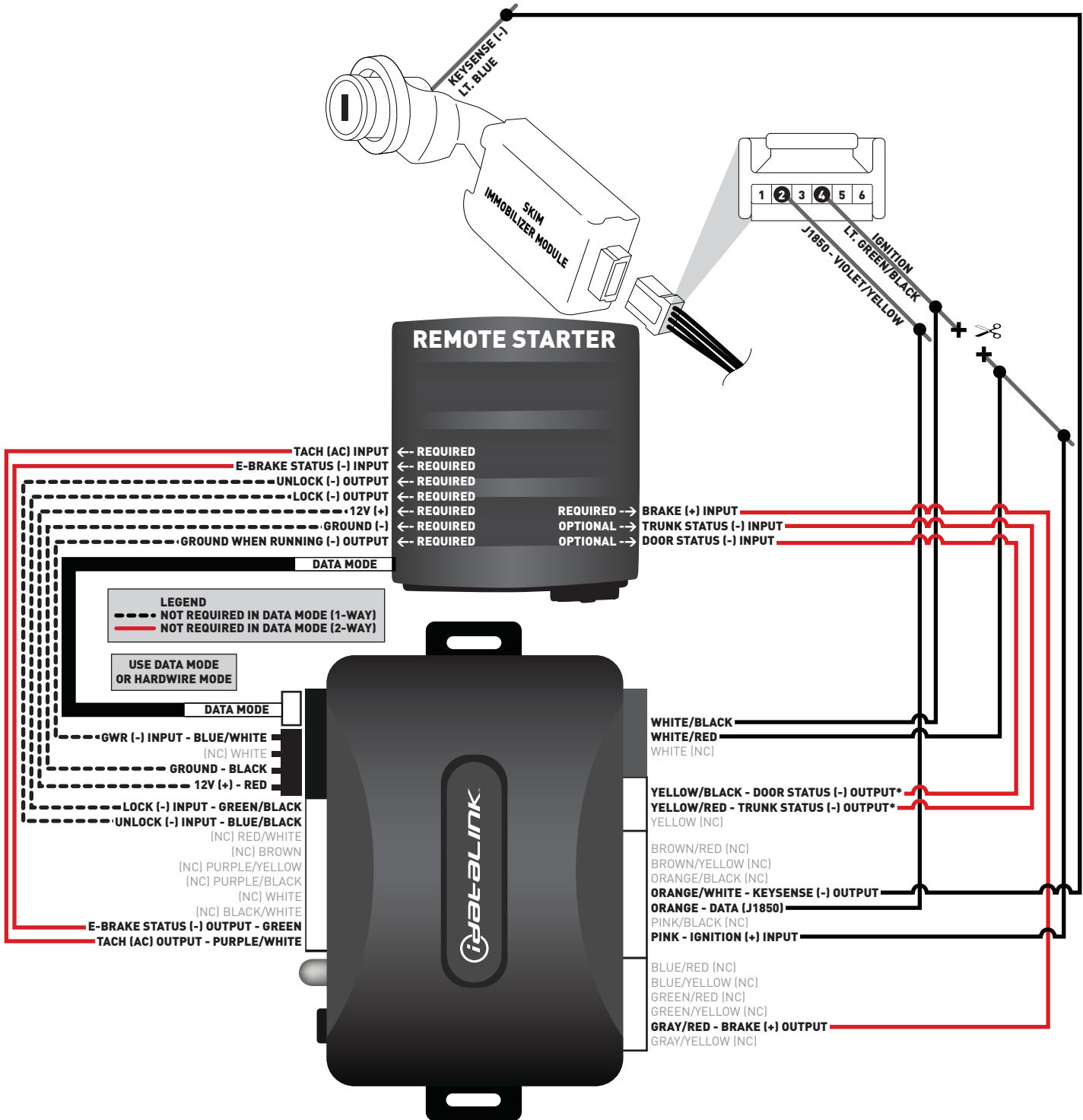
TYPE 4 - WIRING DIAGRAM



TYPE 5 - WIRING DIAGRAM





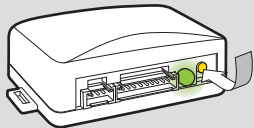
TYPE 6 - WIRING DIAGRAM



INSTALLATION MODE SELECTION

- 1**  Press and release programming button to select installation mode.

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

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

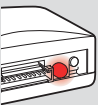


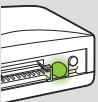
After registration, follow Factory Reset Procedure to change installation mode and restart this procedure.

MODULE PROGRAMMING PROCEDURE

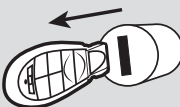
- 1**  Insert key into ignition.

- 2**  Turn key to ON position.

- 3**  LED will turn solid RED.

- 4**  Wait, it may take up to **20 seconds**. LED will turn solid GREEN then will turn OFF.

- 5**  Turn key to OFF position.

- 6**  Remove key.

- 7** 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.

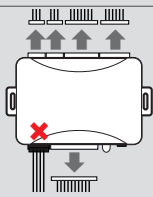
L → 1990	S → 1995	Y → 2000	5 → 2005	A → 2010
M → 1991	T → 1996	1 → 2001	6 → 2006	B → 2011
N → 1992	V → 1997	2 → 2002	7 → 2007	C → 2012
P → 1993	W → 1998	3 → 2003	8 → 2008	D → 2013
R → 1994	X → 1999	4 → 2004	9 → 2009	E → 2014

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

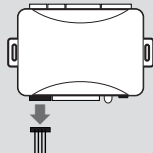
FACTORY RESET PROCEDURE

1



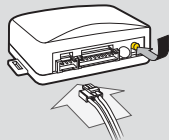
DISCONNECT all connectors from module **EXCEPT** the black 4-PIN standard or optional data connector.

2



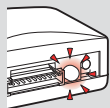
DISCONNECT black 4-PIN standard or optional data connector.

3



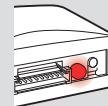
PRESS AND HOLD programming button while connecting either 4-PIN standard or optional data connector.

4



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

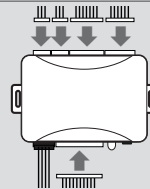
5



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.