

# BLADE

SERIES

Automotive Data Solutions Inc.

## INSTALL GUIDE

### BLADE-AL(DL)-CH6-EN

# CH6

**AVAILABLE FOR: ADS-BLADE AL**

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PATENT NO. US 8,856,780 CA 2759622

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CHRYSLER

DODGE

Jeep



RAM

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## 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
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

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† Extra resistor and relay required.

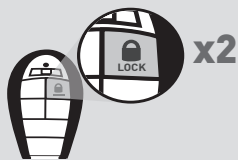
\* Brake output available ONLY with ignition ON.

## DETECT OEM ALARM EQUIPPED VEHICLES

### WITH OEM KEYFOB

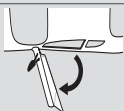
**1** Close hood and trunk/hatch.  
Enter vehicle.  
Close all doors.

**2** Press LOCK twice on OEM fob.



Wait 60 seconds.

**3** Open driver's door.

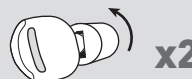


Alarm goes on,  
OEM alarm equipped vehicle.

### WITHOUT OEM KEYFOB

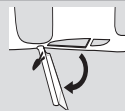
**1** Open driver's door window.  
Close hood and trunk/hatch.  
Close all doors.

**2** LOCK driver's door twice using  
OEM key.



Wait 60 seconds.

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



Alarm goes on,  
OEM alarm equipped vehicle.

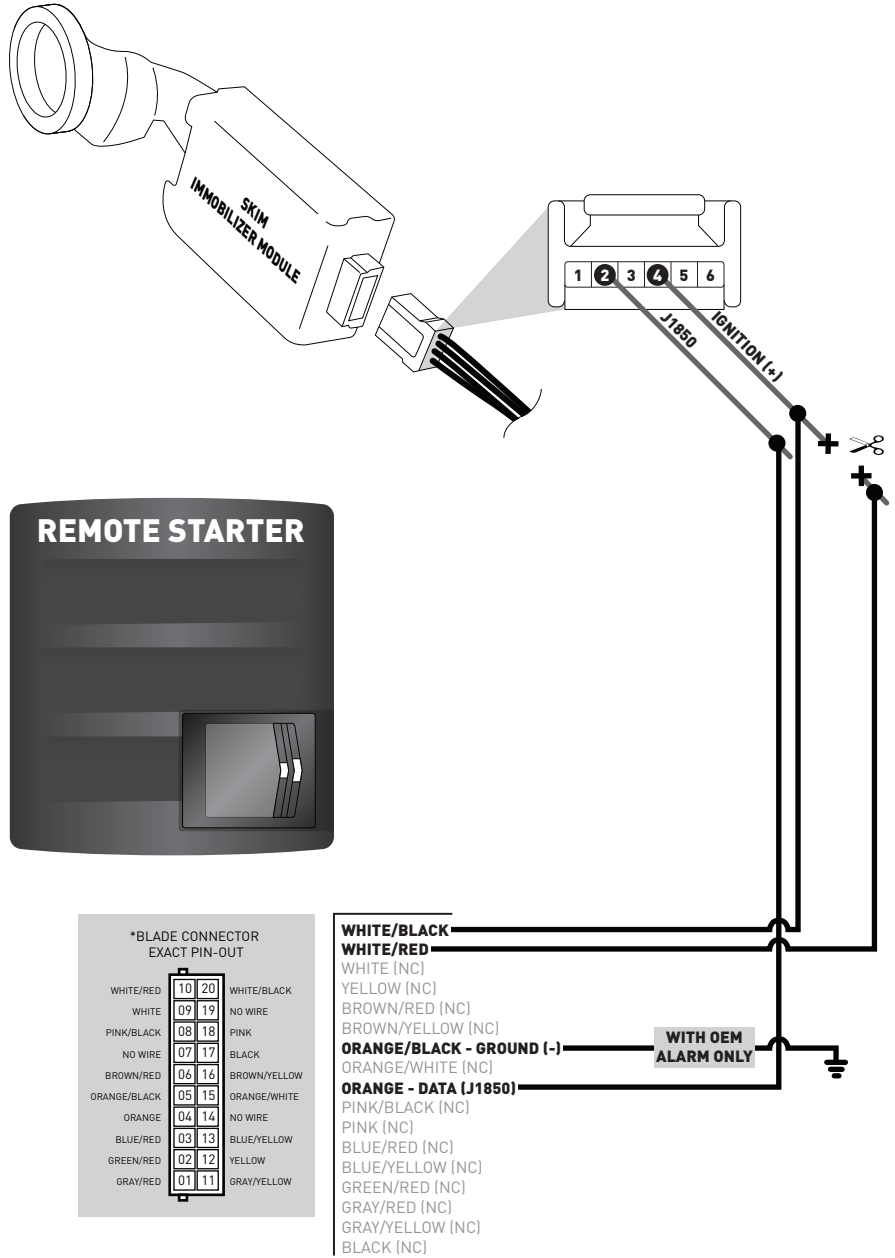
## TYPE 1 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
CHRYSLER	300M <sup>2</sup>	99-04	Ignition	~	~	~	4	Blue/White	~	~	~
			J1850	~	~	~	2	Violet/Yellow	~	~	~
	Concorde <sup>2</sup>	99-04	Ignition	~	~	~	4	Blue/White	~	~	~
			J1850	~	~	~	2	Violet/Yellow	~	~	~
	LHS <sup>2</sup>	99-01	Ignition	~	~	~	4	Blue/White	~	~	~
			J1850	~	~	~	2	Violet/Yellow	~	~	~
	Sebring Sedan/Convertible <sup>2</sup>	01-06	Ignition	~	~	~	4	Blue/White	~	~	~
			J1850	~	~	~	2	Violet/Pink	~	~	~
DODGE	Intrepid <sup>2</sup>	99-04	Ignition	~	~	~	4	Blue/White	~	~	~
			J1850	~	~	~	2	Violet/Yellow	~	~	~
	Stratus Sedan <sup>2</sup>	01-06	Ignition	~	~	~	4	Blue/White	~	~	~
			J1850	~	~	~	2	Violet/Pink	~	~	~
JEEP	Grand Cherokee <sup>1&amp;2</sup>	99-04	Ignition	~	~	~	3	Blue/White	~	~	~
			J1850	~	~	~	5	Yellow/Violet or Yellow/Black	~	~	~
	TJ <sup>1&amp;2</sup>	01-04	Ignition	~	~	~	4	Blue	~	~	~
			J1850	~	~	~	2	Violet/Yellow	~	~	~
	TJ <sup>1&amp;2</sup>	05-06	Ignition	~	~	~	4	Pink/White	~	~	~
			J1850	~	~	~	2	White/Violet	~	~	~
	Wrangler <sup>1&amp;2</sup>	01-04	Ignition	~	~	~	4	Blue	~	~	~
			J1850	~	~	~	2	Violet/Yellow	~	~	~
	Wrangler <sup>1&amp;2</sup>	05-06	Ignition	~	~	~	4	Pink/White	~	~	~
			J1850	~	~	~	2	White/Violet	~	~	~

<sup>1</sup> With OEM Alarm

<sup>2</sup> Without OEM Alarm

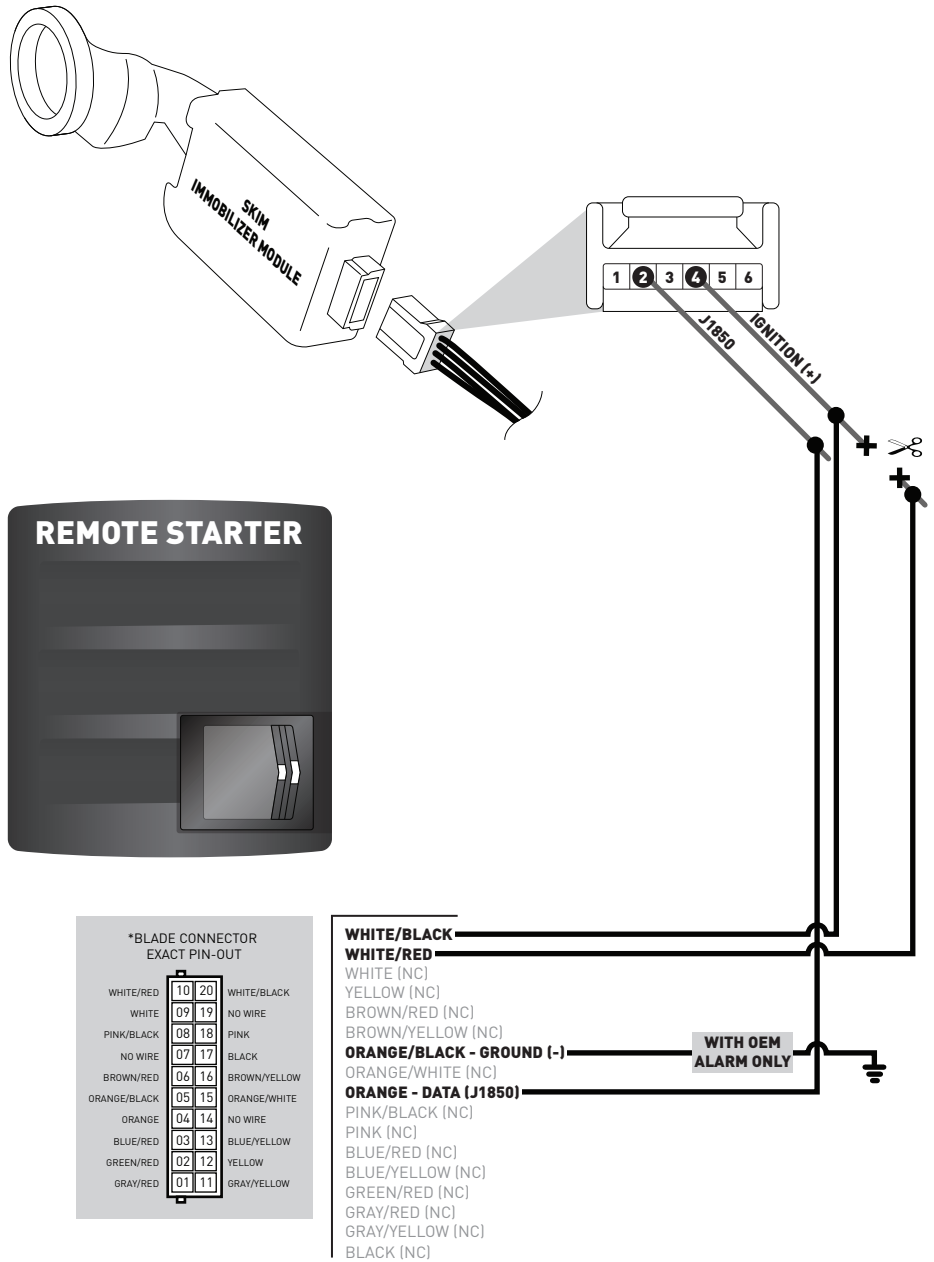
## TYPE 1 - WIRING DIAGRAM



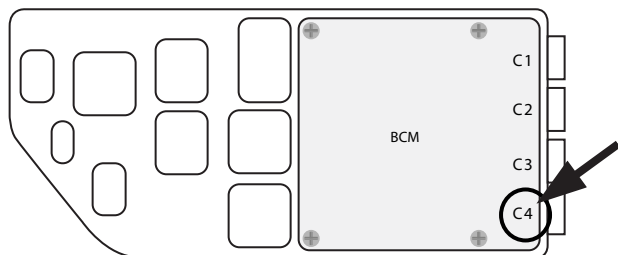
## TYPE 2 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
CHRYSLER	Pacifica	04-08	Ignition	~	~	~	~	Pink/Gray	~	~	~
			J1850	~	~	~	~	White/Violet	~	~	~
	Town & Country	04-07	Ignition	~	~	~	~	Pink/White	~	~	~
			J1850	~	~	~	~	White/Violet	~	~	~
DODGE	Caravan/Grand Caravan	04-07	Ignition	~	~	~	~	Pink/White	~	~	~
			J1850	~	~	~	~	White/Violet	~	~	~
JEEP	Liberty	05-07	Ignition	~	~	~	~	Pink/LtGreen	~	~	~
			J1850	~	~	~	~	White/Violet	~	~	~

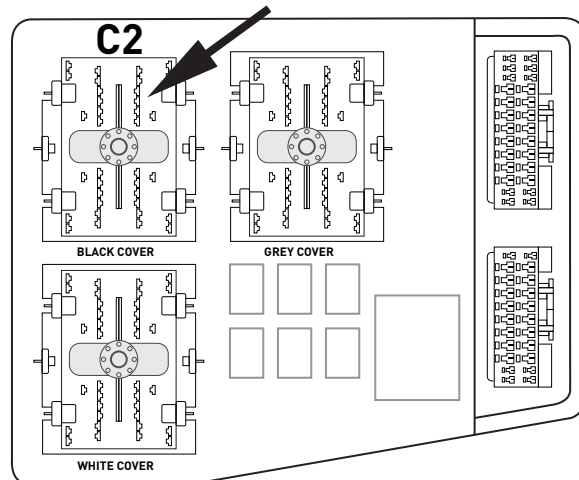
## TYPE 2 - WIRING DIAGRAM



## TYPE 3 - COMPONENT LOCATOR



BCM: 300M, CONCORDE, INTREPID



BCM: LIBERTY



## TYPE 3 - WIRE CROSS REFERENCE CHART - 1 OF 2

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR	
CHRYSLER	300M <sup>1</sup>	99-04	Ignition	~	~	~	~	Blue/White	~	~	~	
			J1850	~	~	~	~	Violet/Yellow	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	At BCM, C4 Connector, Pin #13 (See BCM image)	~	
	Concorde <sup>1</sup>	99-04	Ignition	~	~	~	~	Blue/White	~	~	~	
			J1850	~	~	~	~	Violet/Yellow	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	At BCM, C4 Connector, Pin #13 (See BCM image)	~	
	LHS <sup>1</sup>	99-01	Ignition	~	~	~	~	Blue/White	~	~	~	
			J1850	~	~	~	~	Violet/Yellow	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	At BCM, C4 Connector, Pin #13 (See BCM image)	~	
	Neon <sup>1&amp;2</sup>	00-05	Ignition	~	~	~	~	Blue/White	~	~	~	
			J1850	~	~	~	~	Violet/Yellow	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen	~	Harness coming from driver door	~	
	PT Cruiser <sup>1</sup>	01-05	Ignition	~	~	~	~	Blue/Black	~	~	~	
			J1850	~	~	~	~	Violet/Yellow	~	~	~	
			Analog Doorlock	~	~	~	~	White/DkGreen	~	Harness coming from driver door	~	
	Sebring Convertible <sup>1</sup>	01-06	Ignition	~	~	~	~	Blue/White	~	~	~	
			J1850	~	~	~	~	Violet/Pink	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	At BCM, C4 Connector, Pin #4 or Harness from driver door	~	
	Sebring Sedan <sup>1</sup>	01-06	Ignition	~	~	~	~	Blue/White	~	~	~	
			J1850	~	~	~	~	Violet/Pink	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	At BCM, C4 Connector, Pin #4 or Harness from driver door	~	
	DODGE	Dakota <sup>1</sup>	01-04	Ignition	~	~	~	~	LtGreen/Black	~	~	~
				J1850	~	~	~	~	Violet/Yellow	~	~	~
				Analog Doorlock	~	~	~	~	LtGreen/Orange	~	Driver Kick Panel	~
Durango <sup>1</sup>		01-03	Ignition	~	~	~	~	LtGreen/Black	~	~	~	
			J1850	~	~	~	~	Violet/Yellow	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	Driver Kick Panel	~	
Intrepid <sup>1</sup>		99-04	Ignition	~	~	~	~	Blue/White	~	~	~	
			J1850	~	~	~	~	Violet/Yellow	~	~	~	
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	At BCM, C4 Connector, Pin #13 (See BCM image)	~	

<sup>1</sup> With OEM Alarm

<sup>2</sup> Without OEM Alarm

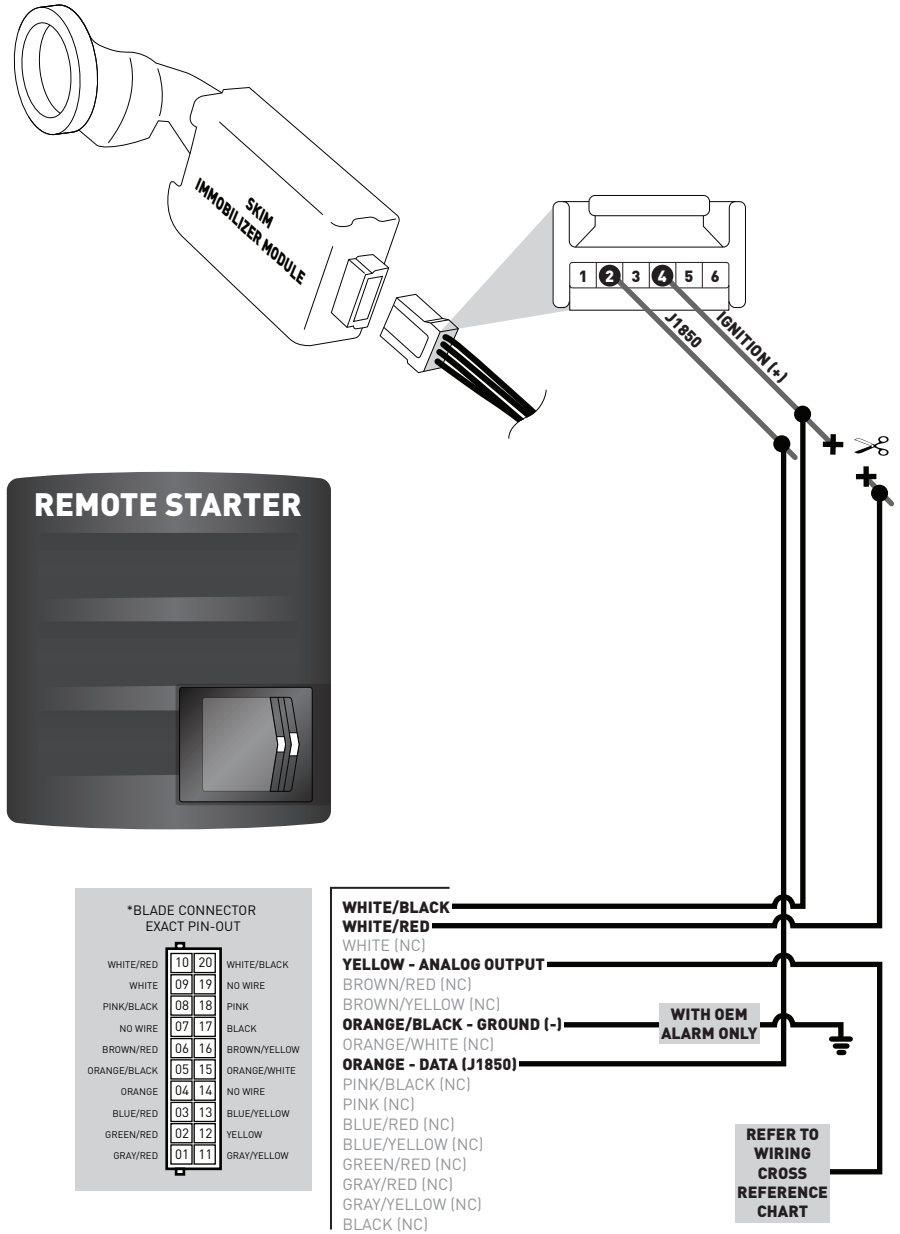
## TYPE 3 - WIRE CROSS REFERENCE CHART - 2 OF 2

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
DODGE	Ram Pickup <sup>2</sup>	02-03	Ignition	~	~	~	~	LtGreen/Black	~	~	~
			J1850	~	~	~	~	Violet/White	~	~	~
			Analog Doorlock	~	~	~	~	White/LtGreen	~	Driver Kick Panel	~
	Ram Pickup <sup>1</sup>	02-03	Ignition	~	~	~	~	LtGreen/Black	~	~	~
			J1850	~	~	~	~	Violet/White	~	~	~
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	Driver Kick Panel	~
	Ram Pickup <sup>2</sup>	04-05	Ignition	~	~	~	~	Pink/Gray	~	~	~
			J1850	~	~	~	~	White/Violet	~	~	~
			Analog Doorlock	~	~	~	~	Purple/DkGreen	~	Driver Kick Panel	~
	Ram Pickup <sup>1</sup>	04-05	Ignition	~	~	~	~	Pink/Gray	~	~	~
			J1850	~	~	~	~	White/Violet	~	~	~
			Analog Doorlock	~	~	~	~	Purple/LtBlue	~	Driver Kick Panel	~
SRT 4 <sup>1&amp;2</sup>	03-05	Ignition	~	~	~	~	Blue/White	~	~	~	
		J1850	~	~	~	~	Violet/Yellow	~	~	~	
		Analog Doorlock	~	~	~	~	LtGreen	~	Harness coming from driver door	~	
Stratus Sedan <sup>1</sup>	01-06	Ignition	~	~	~	~	Blue/White	~	~	~	
		J1850	~	~	~	~	Violet/Pink	~	~	~	
		Analog Doorlock	~	~	~	~	LtGreen/Orange	~	At BCM, C4 Connector, Pin #4 or Harness from driver door	~	
SX 2.0 <sup>1&amp;2</sup>	03-05	Ignition	~	~	~	~	Blue/White	~	~	~	
		J1850	~	~	~	~	Violet/Yellow	~	~	~	
		Analog Doorlock	~	~	~	~	LtGreen	~	Harness coming from driver door	~	
JEEP	Liberty <sup>1</sup>	02-04	Ignition	~	~	~	~	Blue	~	~	~
			J1850	~	~	~	~	Yellow/Violet or Violet/Black	~	~	~
			Analog Doorlock	~	~	~	~	LtGreen/Orange	~	Driver door harness	~
	Liberty <sup>2</sup>	02-04	Ignition	~	~	~	~	Blue	~	~	~
			J1850	~	~	~	~	Yellow/Violet or Violet/Black	~	~	~
			Analog Doorlock	~	~	~	~	Pink/Violet	~	At BCM, C2 Connector, Pin #20 (See BCM image)	~
PLYMOUTH	Neon <sup>1&amp;2</sup>	00-01	Ignition	~	~	~	~	Blue/White	~	~	~
			J1850	~	~	~	~	Violet/Yellow	~	~	~
			Analog Doorlock	~	~	~	~	LtGreen	~	Harness coming from driver door	~

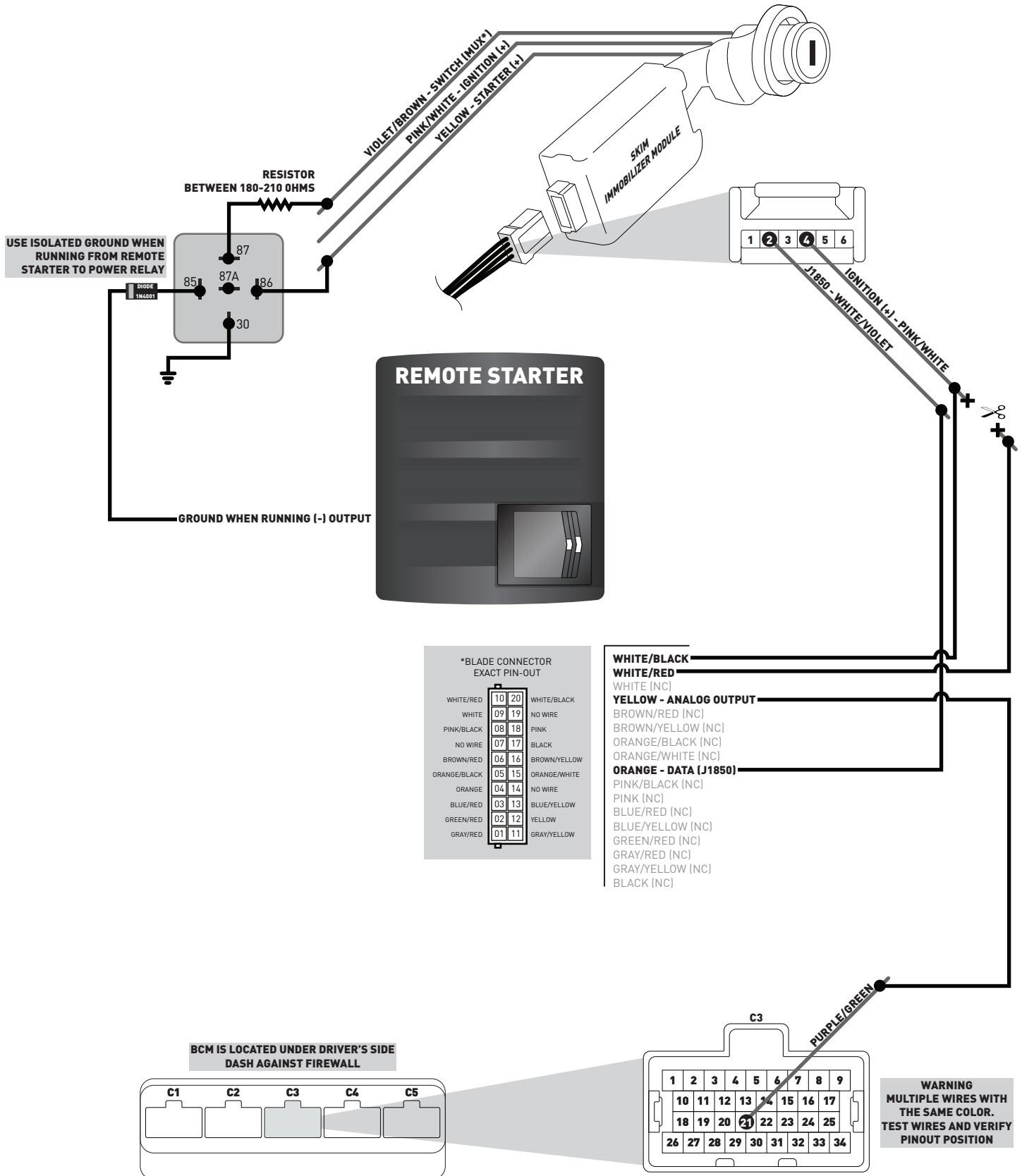
<sup>1</sup> With OEM Alarm

<sup>2</sup> Without OEM Alarm

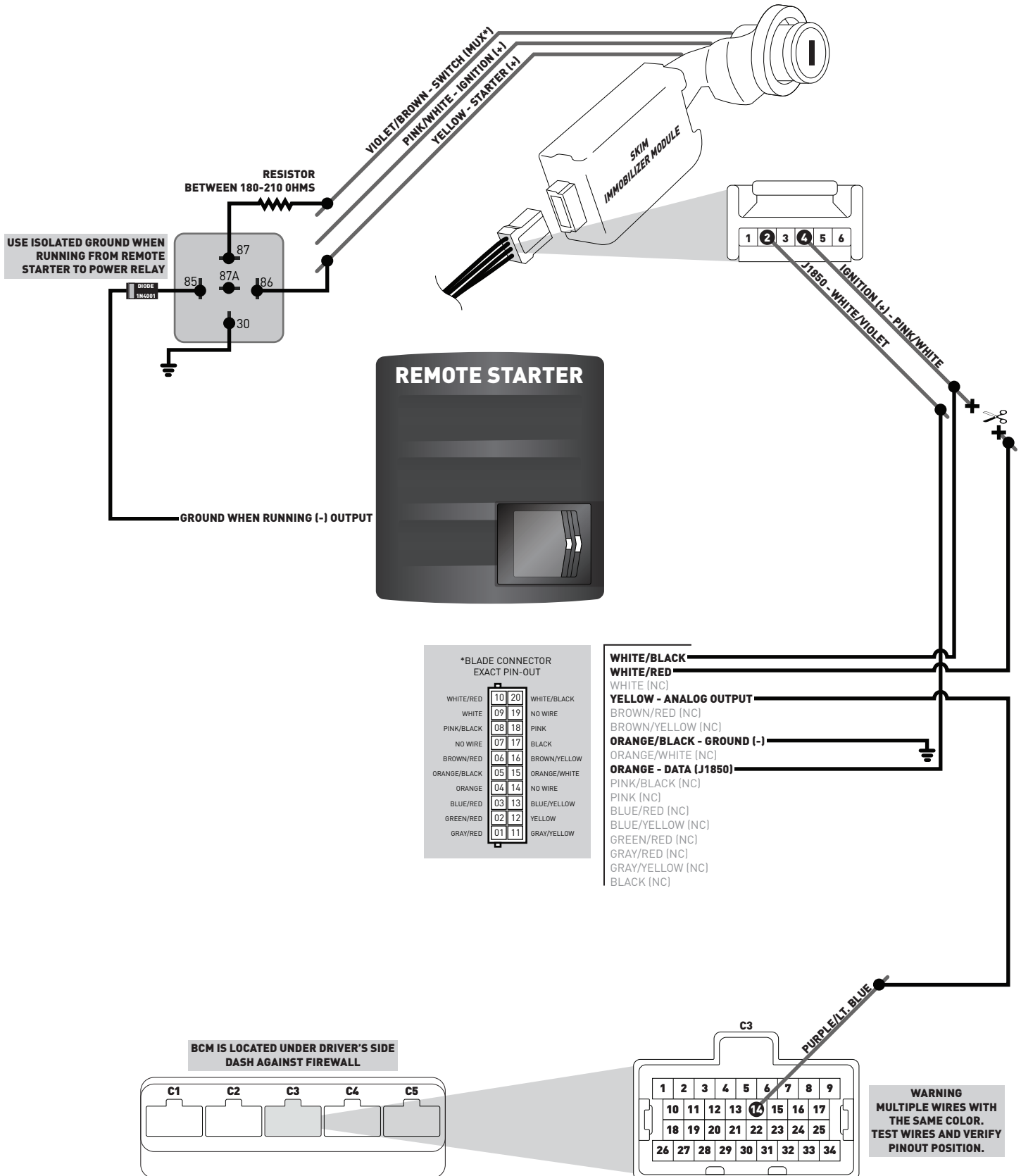
## TYPE 3 - WIRING DIAGRAM



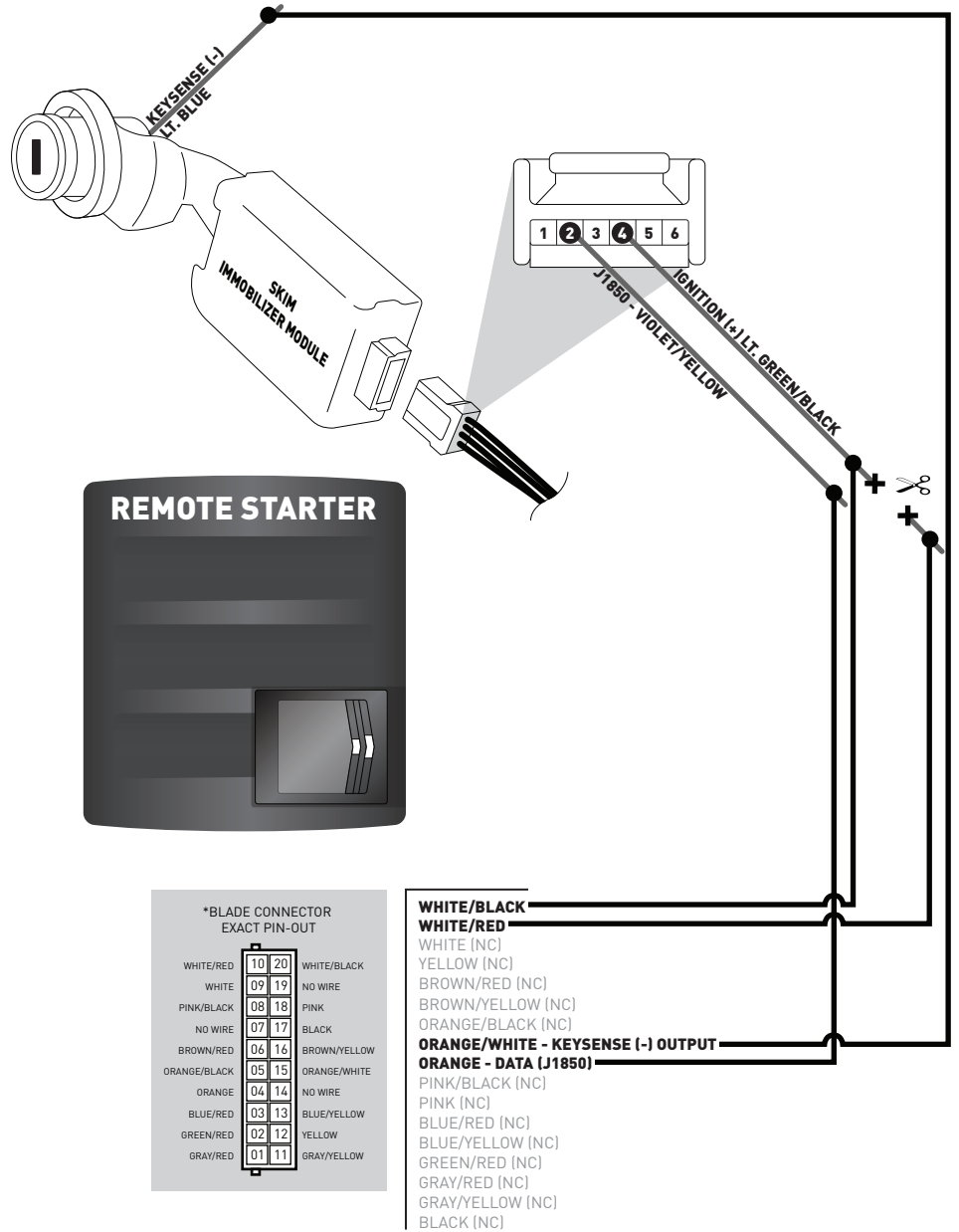
## TYPE 4 - WIRING DIAGRAM



## TYPE 5 - WIRING DIAGRAM

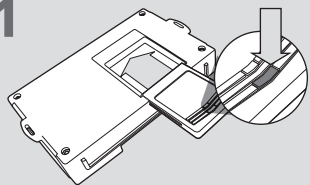


## TYPE 6 - WIRING DIAGRAM



## CARTRIDGE INSTALLATION

1



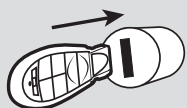
Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

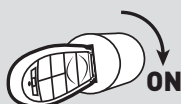
## MODULE PROGRAMMING PROCEDURE

1



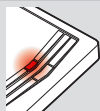
Insert key into ignition.

2



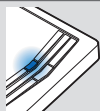
Turn key to ON position.

3



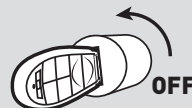
LED will turn solid RED.

4



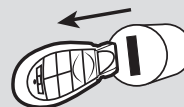
Wait, it may take up to **20 seconds**. LED will turn solid BLUE then will turn OFF.

5



Turn key to OFF position.

6



Remove key.

7

Module Programming Procedure completed.

## IDENTIFY VEHICLE YEAR

**1** Locate the Vehicle Identification Number (VIN), identify the 10th character then match it to its corresponding year.



A	1980	L	1990	Y	2000	A	2010
B	1981	M	1991	1	2001	B	2011
C	1982	N	1992	2	2002	C	2012
D	1983	P	1993	3	2003	D	2013
E	1984	R	1994	4	2004	E	2014
F	1985	S	1995	5	2005	F	2015
G	1986	T	1996	6	2006	G	2016
H	1987	V	1997	7	2007	H	2017
J	1988	W	1998	8	2008	J	2018
K	1989	X	1999	9	2009	K	2019

## 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 BLUE	Additional steps required to complete programming	Correctly programmed and operational	False ground when running status from remote starter
Solid BLUE 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

- DISCONNECT** cartridge from remote starter.
- PRESS AND HOLD** programming button while re-connecting cartridge to remote starter.

- LED will flash red. Immediately **RELEASE** programming button.
- LED will turn solid red for 2 seconds.  
**RESET COMPLETED.**
- RECONNECT** all connectors. Repeat programming procedure.

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