

Automotive Data Solutions Inc.

INSTALL GUIDE

ADS-AL(DL)-NI1-EN

NI1

AVAILABLE FOR: ADS-AL CA

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Doc. No.: ##44374##

U.S. PATENT NO. 8,856,780

PLEASE VISIT WWW.IDATALINK.COM FOR COMPLETE PRODUCT DETAILS

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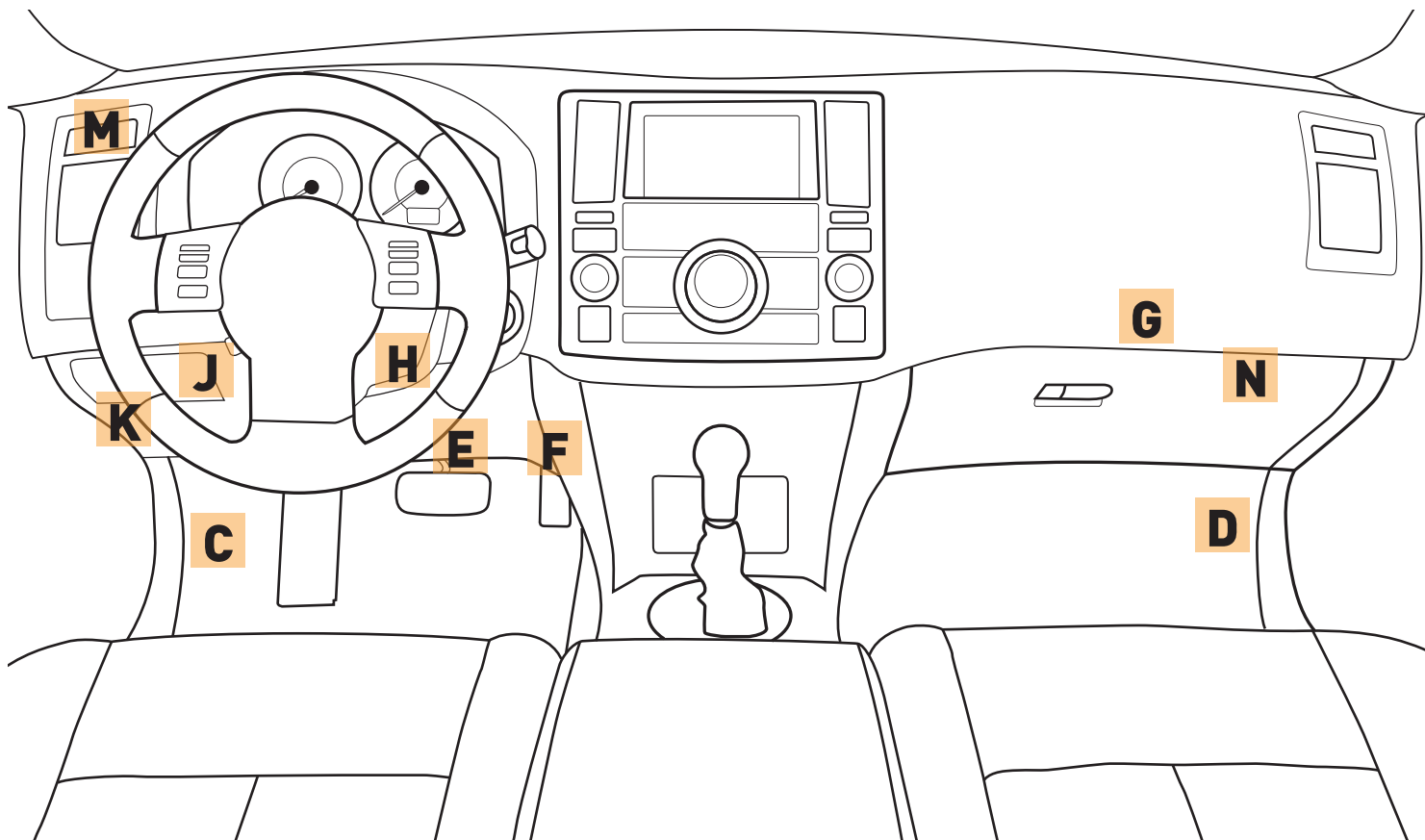


I N F I N I T I

NISSAN

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.

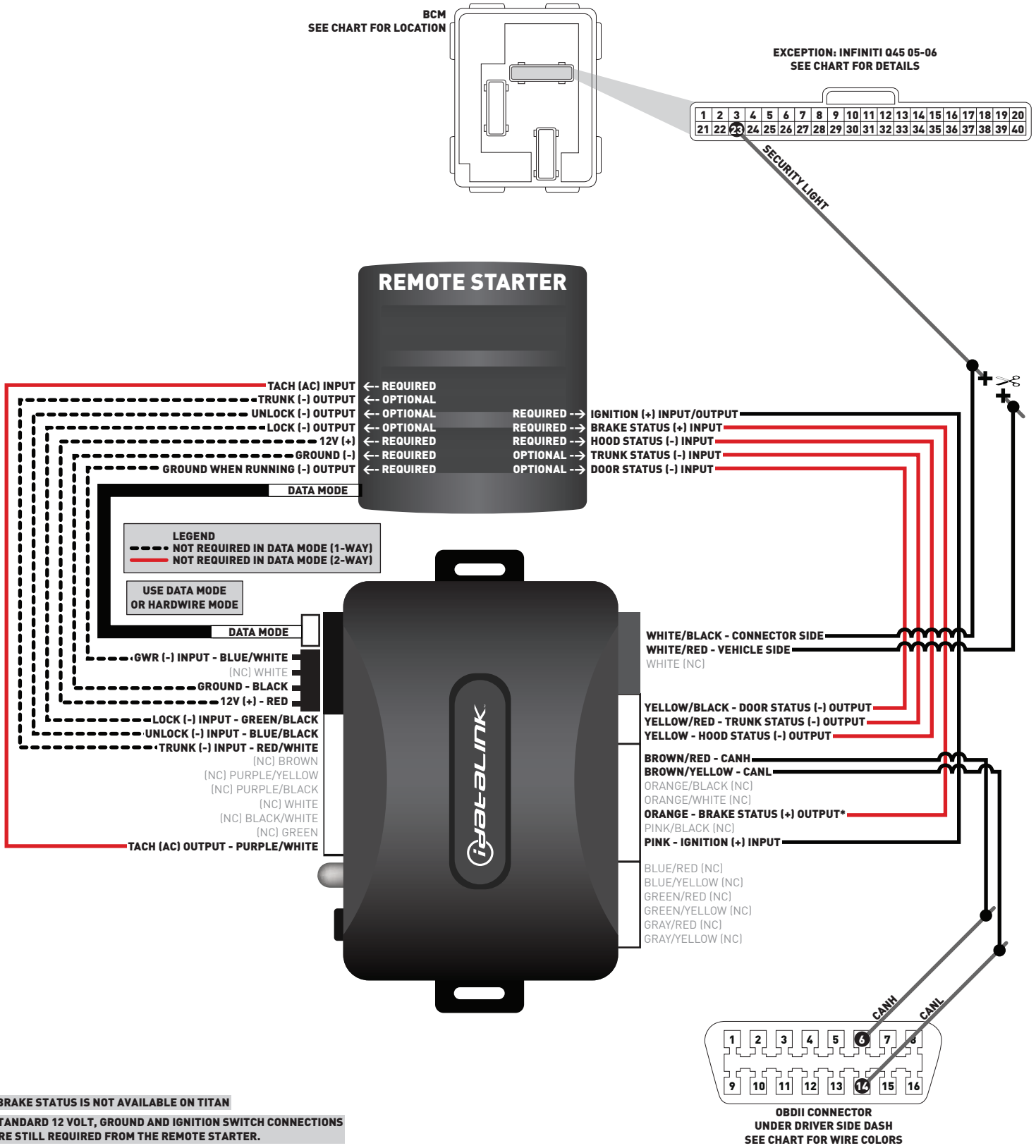
COMPONENT LOCATOR



TYPE 1 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
INFINITI	FX35	03-04	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Red	(DATA)	OBDII connector	~
			Security Light	M3	~	40 pin	23	Green/Orange	(-)	In Driver Kick Panel	C
	FX45	03-04	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Red	(DATA)	OBDII connector	~
			Security Light	M3	~	40 pin	23	Green/Orange	(-)	In Driver Kick Panel	C
	Q45	05-06	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Pink	(DATA)	OBDII connector	~
			Security Light	M4	~	40 pin	65	Green	(-)	In Driver Kick Panel	C
NISSAN	350Z	05	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Pink	(DATA)	OBDII connector	~
			Security Light	M90	~	40 pin	23	Green/Orange	(-)	In Driver Kick Panel	C
	Murano	05-07	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Yellow	(DATA)	OBDII connector	~
			Security Light	M34	~	40 pin	23	Green/Orange	(-)	Right Of Steering Column	H
NISSAN	Titan	04	CanH	~	~	16 pin	6	White	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Red	(DATA)	OBDII connector	~
			Security Light	M18	~	40 pin	23	Green/Orange	(-)	Right Of Steering Column	H

TYPE 1 - WIRING DIAGRAM - 1 OF 1

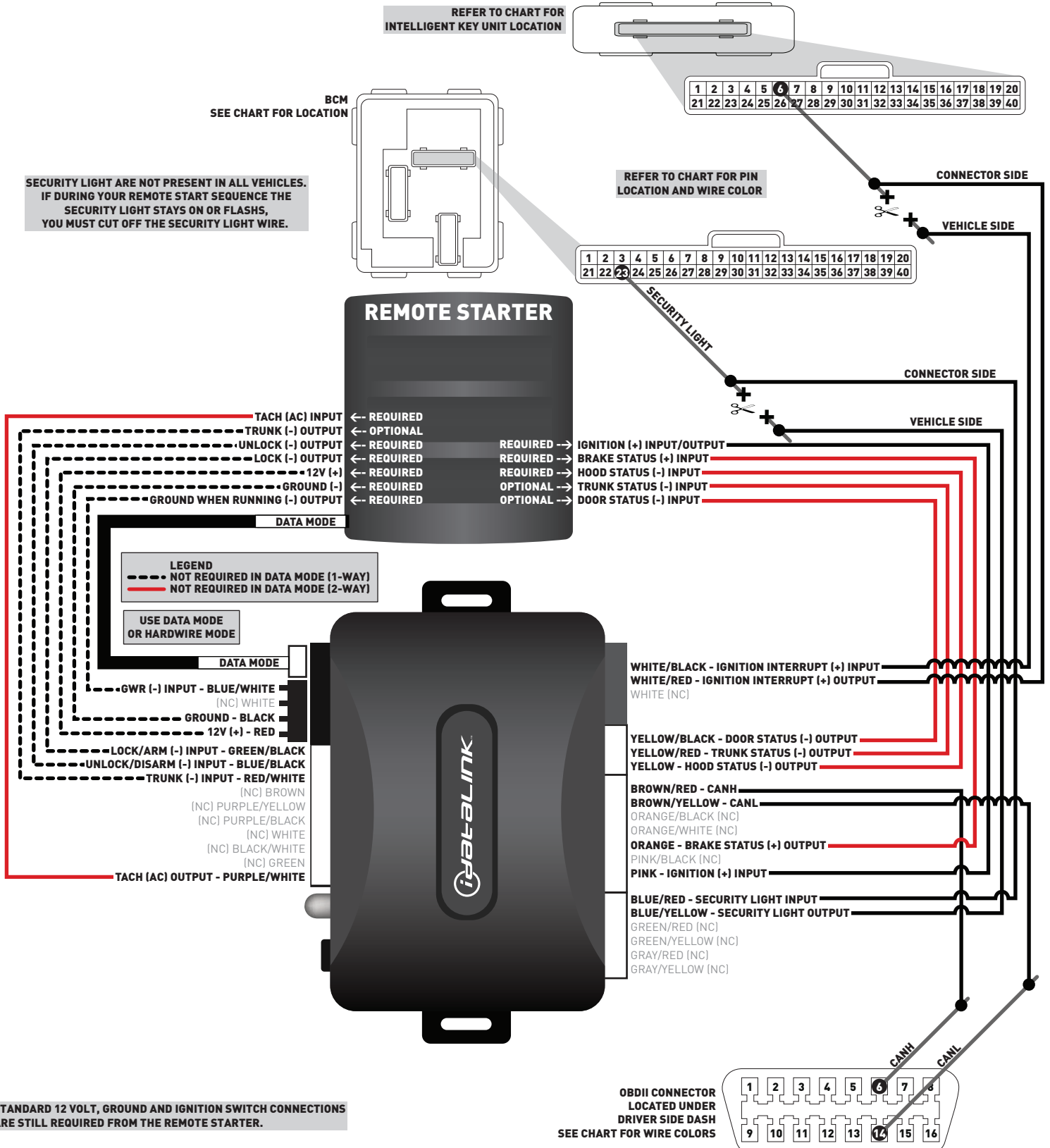


*BRAKE STATUS IS NOT AVAILABLE ON TITAN
 STANDARD 12 VOLT, GROUND AND IGNITION SWITCH CONNECTIONS ARE STILL REQUIRED FROM THE REMOTE STARTER.

TYPE 2 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
INFINITI	FX35 Intelli-key	03-04	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Pink	(DATA)	OBDII connector	~
			Intelli-key	M34	~	40 pin	6	Green/Red	(+)	Right of steering column above gas pedal	F
			Security Light	M3	~	40 pin	23	Green/Orange	(-)	At BCM in passenger kick panel	D
INFINITI	FX45 Intelli-key	03-04	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Pink	(DATA)	OBDII connector	~
			Intelli-key	M34	~	40 pin	6	Green/Red	(+)	Right of steering column above gas pedal	F
			Security Light	M3	~	40 pin	23	Green/Orange	(-)	At BCM in passenger kick panel	D
NISSAN	Murano Intelli-key	05-07	CanH	~	~	16 pin	6	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	14	Yellow	(DATA)	OBDII connector	~
			Intelli-key	M99	~	40 pin	6	Green	(+)	Behind glove box, near "A" Pillar	N
			Security Light	M35	~	40 pin	23	Green/Orange	(-)	Right of steering column	H

TYPE 2 - WIRING DIAGRAM - 1 OF 1

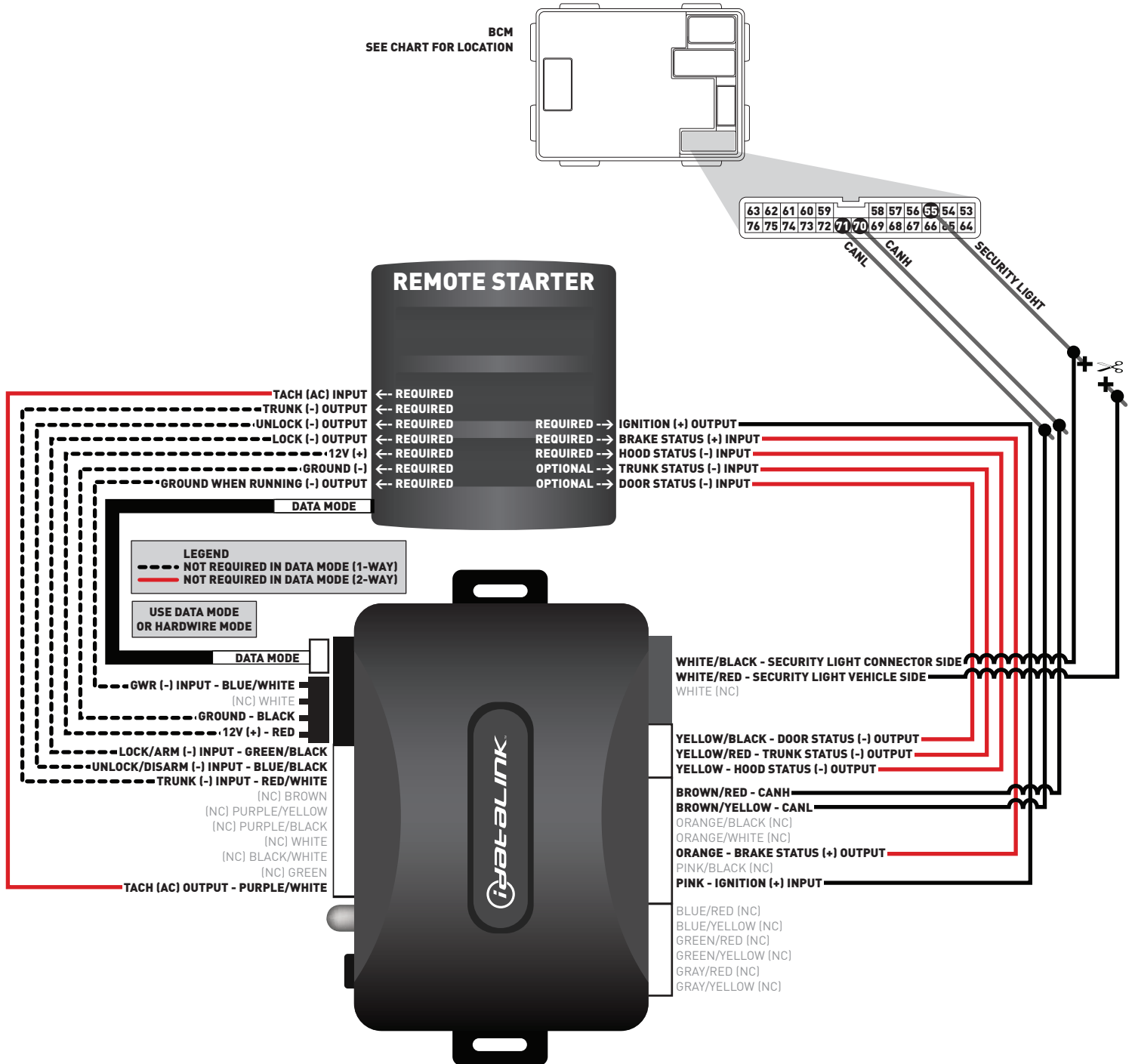


STANDARD 12 VOLT, GROUND AND IGNITION SWITCH CONNECTIONS ARE STILL REQUIRED FROM THE REMOTE STARTER.

TYPE 3 - WIRE CROSS REFERENCE CHART - 1 OF 1

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR NAME	CONNECTOR COLOR	CONNECTOR TYPE	POSITION	WIRE COLOR	POLARITY	MODULE LOCATION	COMPONENT LOCATOR
INFINITI	G35 Sedan	03-04	CanH	~	~	16 pin	70	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	71	Red	(DATA)	OBDII connector	~
			Security Light	M3	~	24 pin	55	Green/Orange	(-)	In Driver Kick Panel	C
INFINITI	G35 Coupe	03-04	CanH	~	~	16 pin	70	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	71	Red	(DATA)	OBDII connector	~
			Security Light	M3	~	24 pin	55	Green/Orange	(-)	In Driver Kick Panel	C
NISSAN	350Z	03-04	CanH	~	~	16 pin	70	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	71	Red	(DATA)	OBDII connector	~
			Security Light	M3	~	24 pin	55	Green/Orange	(-)	In Driver Kick Panel	C
	Murano	03-04	CanH	~	~	16 pin	70	Blue	(DATA)	OBDII connector	~
			CanL	~	~	16 pin	71	Yellow	(DATA)	OBDII connector	~
			Security Light	M37	~	24 pin	55	Green/Orange	(-)	Right Of Steering Column	H



TYPE 3 - WIRING DIAGRAM - 1 OF 1

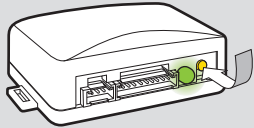


STANDARD 12 VOLT, GROUND AND IGNITION SWITCH CONNECTIONS ARE STILL REQUIRED FROM THE REMOTE STARTER.

INSTALLATION MODE SELECTION

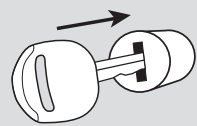
1  Press and release programming button to select installation mode.

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

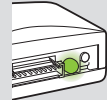
2  Press and hold programming button until LED turns solid GREEN to register selection.

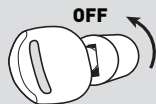
! After registration, follow Factory Reset Procedure to change installation mode and restart this procedure.

MODULE PROGRAMMING PROCEDURE

1  Insert key into ignition.

2  Turn key to ON position.

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

4  Turn key to OFF position.

5 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 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.