Automotive Data Solutions Inc.

INSTALL GUIDE
ADS-AL(DL)-TL3

TL3

AVAILABLE FOR: ADS-AL CA

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Doc. No.: ##6795##
20111017

VERSION FRANÇAISE DISPONIBLE EN LIGNE AU **WWW.IDATALINK.COM**
PLEASE VISIT **WWW.IDATALINK.COM/SUPPORT** FOR COMPLETE PRODUCT DETAILS

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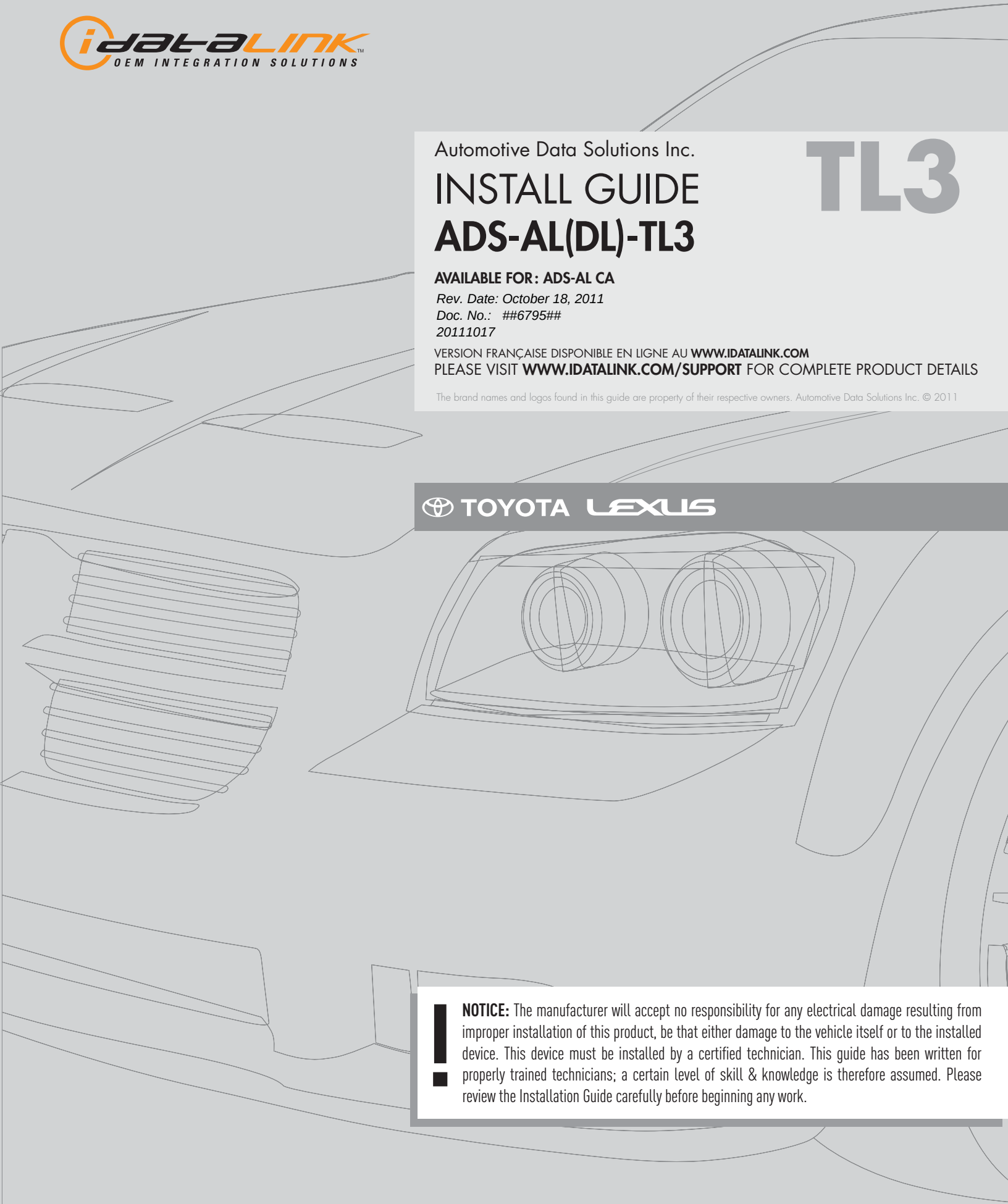
TOYOTA LEXUS



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	PUSH TO START CTRL	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	TRUNK/HATCH RELEASE	POWER LIFTGATE	GAS TANK FLAP RELEASE	TACHOMETER OUTPUT	BRAKE PEDAL STAT OUTPUT	E-BRAKE OUTPUT	DOOR STAT OUTPUT	TRUNK STAT OUTPUT	HOOD STAT OUTPUT*
LEXUS	LS460	07-11	2	•	•	•	•	•	•	•		•	•	•	•	•	•	•
	LS600h	08-11	2	•	•	•	•	•	•	•		•	•	•	•	•	•	•
	LX570	08-11	1	•	•	•	•	•	•		•		•	•	•	•	•	•
TOYOTA	LandCruiser	08-11	1	•	•	•	•	•	•		•		•	•	•	•	•	•

* Available only if vehicle is equipped with factory hood switch.

NOTE

I Keyless and smart-key systems will remain functional during remote start.

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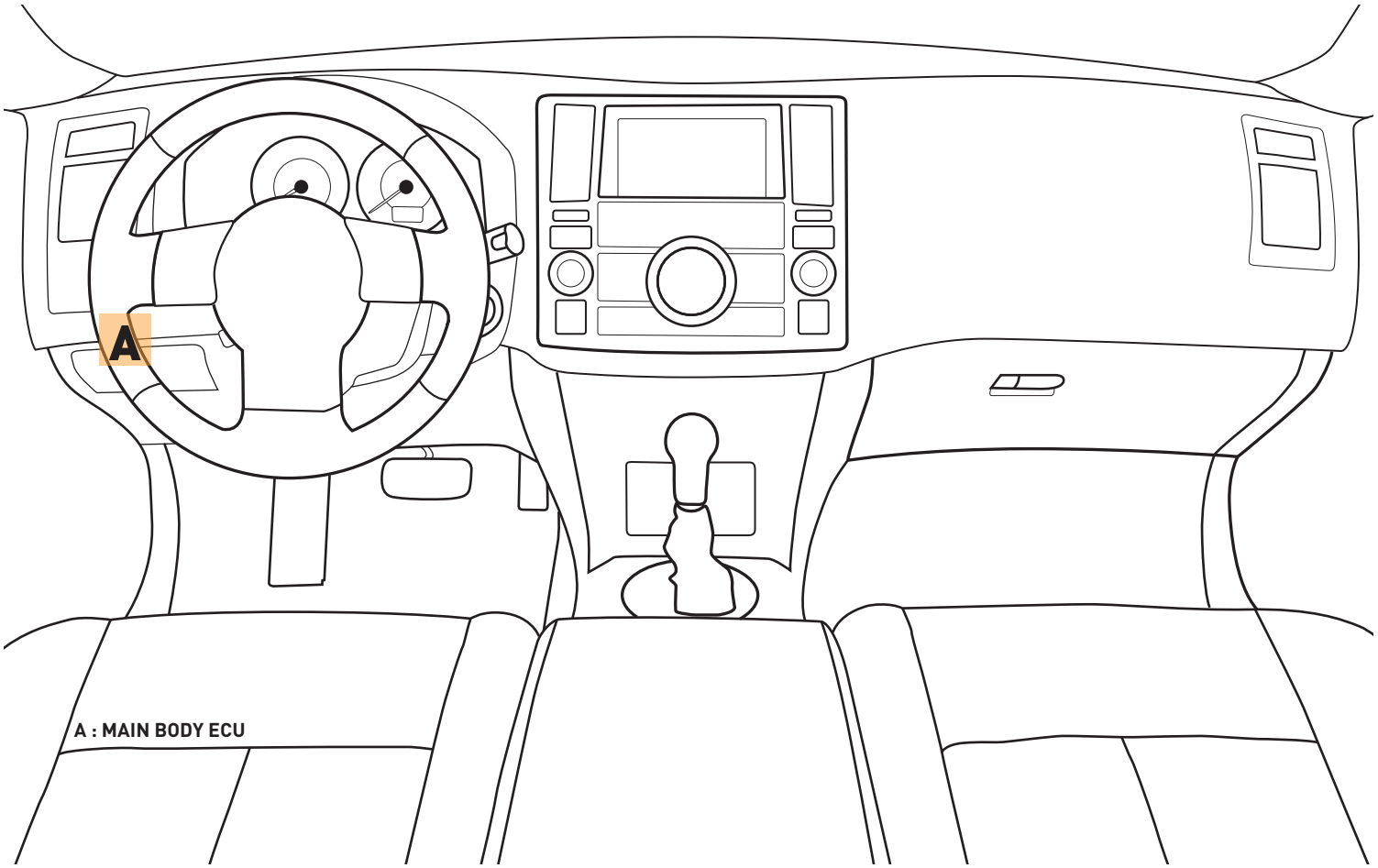
COMPONENT LOCATOR



A : MAIN BODY ECU

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TYPE 1 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR			POSITION	WIRE COLOR	POLARITY	LOCATION	COMPONENT LOCATOR
				NAME	COLOR	TYPE					
LEXUS	LX570	08-11	CanH	~	~	16 pin	16	Gray	(DATA)	Main body ECU	~
			CanL	~	~	16 pin	15	Red	(DATA)	Main body ECU	~
			STSW	~	~	10 pin	04	Red	(+)	Main body ECU	~
			Ignition	~	~	24 pin	15	Black	(+)	Main body ECU	~
			12V	~	~	01 pin	01	Black	(+)	Main body ECU	~
			Parking light	~	~	26 pin	23	Violet	(-)	Main body ECU	~
			Push	~	~	14 pin	07	White	(-)	Push button	~
TOYOTA	LandCruiser	08-11	CanH	~	~	16 pin	16	Gray	(DATA)	Main body ECU	~
			CanL	~	~	16 pin	15	Red	(DATA)	Main body ECU	~
			STSW	~	~	10 pin	04	Red	(+)	Main body ECU	~
			Ignition	~	~	24 pin	15	Black	(+)	Main body ECU	~
			12V	~	~	01 pin	01	Black	(+)	Main body ECU	~
			Parking light	~	~	26 pin	23	Violet	(-)	Main body ECU	~
			Push	~	~	14 pin	07	White	(-)	Push button	~

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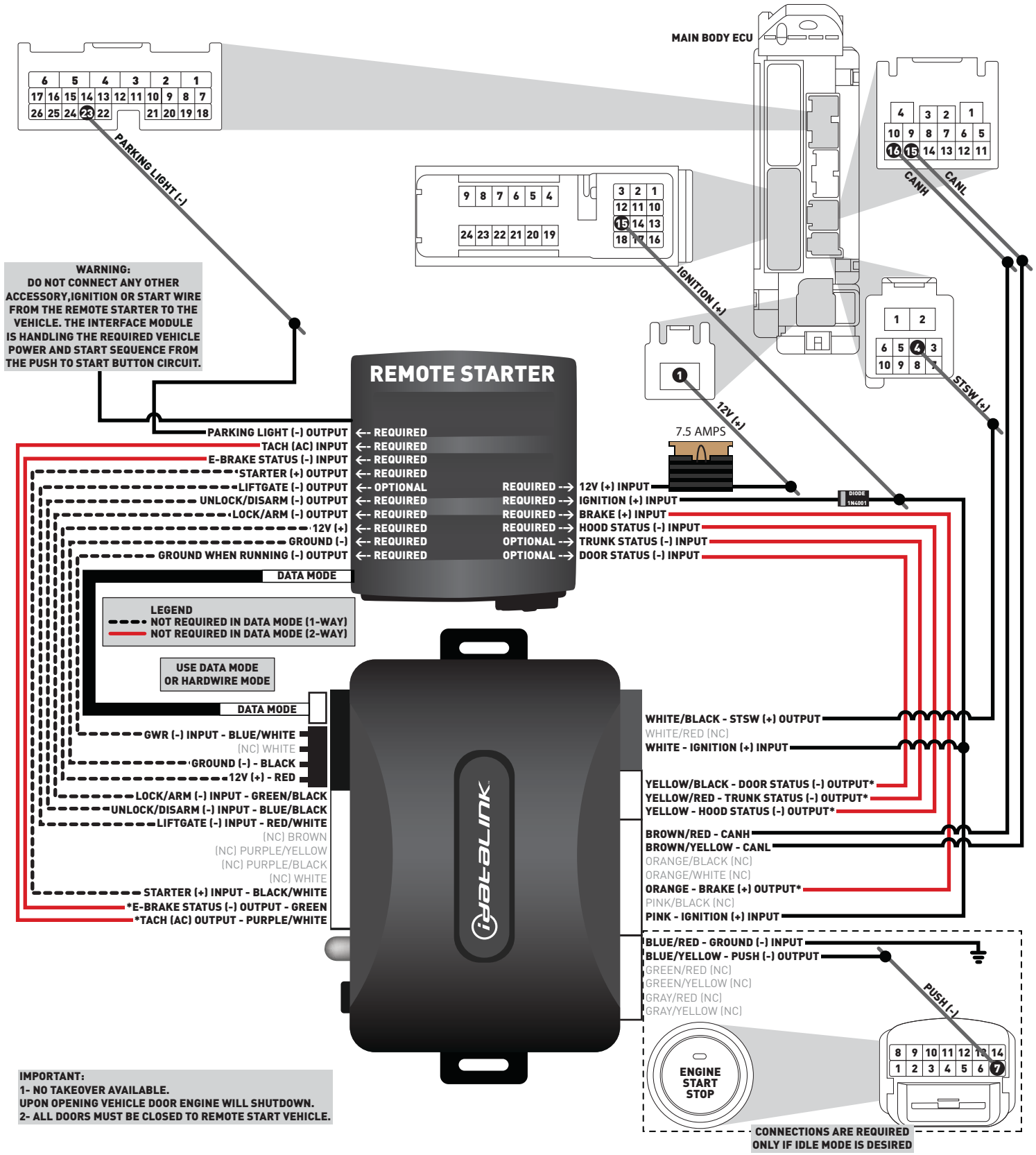
TYPE 1 - WIRING DIAGRAM



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TYPE 2 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	WIRE DESCRIPTION	CONNECTOR			POSITION	WIRE COLOR	POLARITY	LOCATION	COMPONENT LOCATOR
				NAME	COLOR	TYPE					
LEXUS	LS460	07-11	CanH	~	~	16 pin	16	Black	(DATA)	Main body ECU	~
			CanL	~	~	16 pin	15	White	(DATA)	Main body ECU	~
			STSW	~	~	10 pin	04	Black	(+)	Main body ECU	~
			Ignition	~	~	28 pin	11	Pink	(+)	Main body ECU	~
			12V	~	~	01 pin	01	Yellow	(+)	Main body ECU	~
			Parking light	~	White	20 pin	18	Blue	(-)	Parking light switch	~
			Push	~	~	14 pin	07	White	(-)	Push button	~
TOYOTA	LS600h	08-11	CanH	~	~	16 pin	16	Black	(DATA)	Main body ECU	~
			CanL	~	~	16 pin	15	White	(DATA)	Main body ECU	~
			STSW	~	~	10 pin	04	Black	(+)	Main body ECU	~
			Ignition	~	~	28 pin	11	Pink	(+)	Main body ECU	~
			12V	~	~	01 pin	01	Yellow	(+)	Main body ECU	~
			Parking light	~	White	20 pin	18	Blue	(-)	Parking light switch	~
			Push	~	~	14 pin	07	White	(-)	Push button	~

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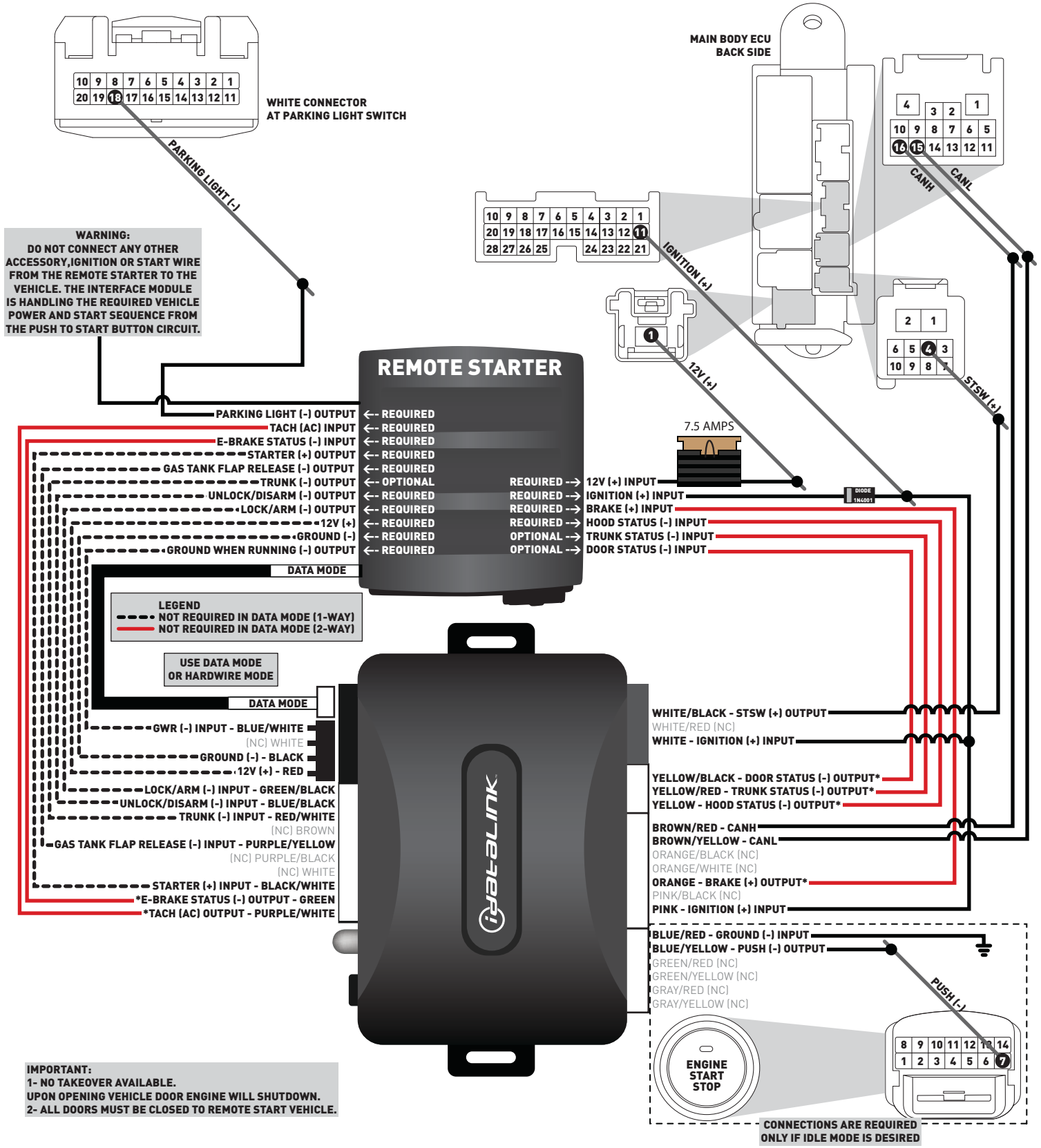
TYPE 2 - WIRING DIAGRAM



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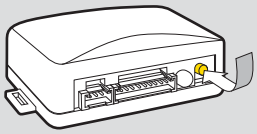
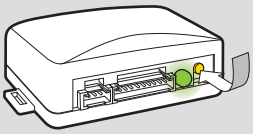
INSTALLATION MODE SELECTION

1 

Press and release programming button to select installation mode.

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

2 

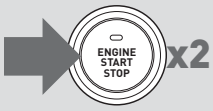
Press and hold programming button until LED turns solid GREEN to register selection.

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

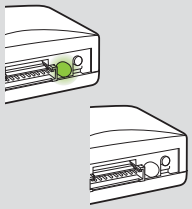
MODULE PROGRAMMING PROCEDURE

NOTE

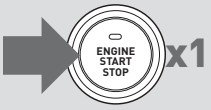
I Between each step, LED will turn solid RED, this is the default standby mode.

1 

Push start button twice [2x] to ON position.

2 

Wait, LED will turn solid GREEN then will turn OFF.

3 

Push start button once [1x] to OFF position.

4

Module Programming Procedure completed.

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IDENTIFY VEHICLE YEAR

1

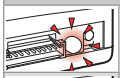
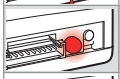
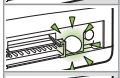
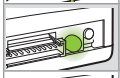
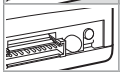
Locate the Vehicle Identification Number (VIN) and identify the 10th character.

2

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

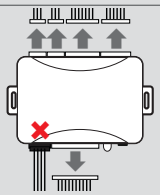
L → 1990	**S** → 1995	**Y** → 2000	**5** → 2005	**A** → 2010
M → 1991	**T** → 1996	**1** → 2001	**6** → 2006	**B** → 2011
N → 1992	**V** → 1997	**2** → 2002	**7** → 2007	**C** → 2012
P → 1993	**W** → 1998	**3** → 2003	**8** → 2008	**D** → 2013
R → 1994	**X** → 1999	**4** → 2004	**9** → 2009	**E** → 2014

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

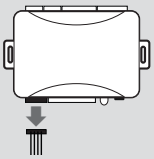
FACTORY RESET PROCEDURE

1



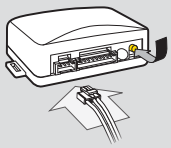
DISCONNECT all connectors from module **EXCEPT** the black 4-PIN standard or optional data connector.

2



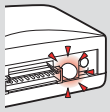
DISCONNECT black 4-PIN standard or optional data connector.

3



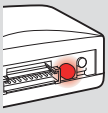
PRESS AND HOLD programming button while connecting either 4-PIN standard or optional data connector.

4



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

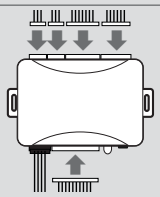
5



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.

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