

Automotive Data Solutions Inc.

INSTALL GUIDE ADS-TB-TL

TL

AVAILABLE FOR: ADS-TB

Rev. Date: January 20, 2011 Doc. No.: ##4672##

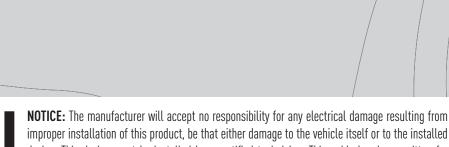
20101221

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. © 2010

TOYOTA LEXUS SCION PONTIAC



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.



Guides Français disponibles au www.idatalink.com

ADS-TB-TL Doc. No.: ##4672## 20101221 Page 2 of 15

INSTALL TYPE SELECTION

MAKE	MODEL	YEAR	INSTALL		
	4Runner	99-02	1		
	4Runner	03-09	2		
	Avalon	98-04	1		
	Avalon	05-09	2 or 3		
	Camry	98-02	1		
	Camry	03-04	1 or 2		
	Camry	05-06	2		
	Camry	07-09	2 or 3		
	Camry Hybrid	07-09	3		
	Corolla	05-08	2		
	Corolla	09	2 or 3		
	FJ Cruiser	07-09	2		
	Hiace	06-09	2		
	Highlander	01-03	1		
	Highlander	04-07	2		
	Highlander	08-09	2 or 3		
	Highlander Hybrid	06-07	5		
	Highlander Hybrid	08-09	3		
	Hilux	04-09	2		
TOYOTA	Land Cruiser	98-02	1		
<u>6</u>	Land Cruiser	03-07	2		
-	Land Cruiser	08	3		
	Matrix	05-09	2		
	MR2 Spyder	00-05	1		
	Prius	04-09	4		
	RAV4	01-03	1		
	RAV4	04-08	2		
	RAV4	09	2 or 3		
	Sequoia	01-07	1		
	Sequoia	08-09	2		
	Sienna	99-03	1		
	Sienna	04-09	2		
	Solara	99-02	1		
	Solara	03-04	1 or 2		
	Solara	05-08	2		
	Tacoma	05-09	2		
	Tundra	06	1		
	Tundra	07-09	2		
	Venza (standard key only)	09	2		
	Yaris	06-09	2		

MAKE	MODEL	YEAR	INSTALL		
	ES 300	98-03	1		
	ES 330	04-06	2		
	ES 350	07-08	3		
	GS 300	98-05	1		
	GS 300	06	3		
	GS 350	07-08	3		
	GS 400	98-00	1		
	GS 430	01-05	1		
	GS 430	06-07	3		
	GS 450 Hybrid	07-08	3		
	GS 460	08	3		
	GX 470	03-09	2		
	IS 250	06-08	3		
	IS 300	01-05	1		
(US	IS 350	06-08	3		
Ê	IS-F	08	3		
	LS 400	98-00	1		
	LS 430	01-03	1		
	LS 430	04-06	1 or 2		
	LS 460	07-08	3		
	LS 600 Hybrid	08	3		
	LX 470	98-02	1		
	LX 470	03-07	2		
	RX 300	99-03	1		
	RX 330	04-06	2		
	RX 350	07-09	2		
	RX 400 Hybrid	06-08	5		
	SC 300	98-00	1		
	SC 400	98-00	1		
	SC 430	02-09	1		
SCION PONTIAC	Vibe	08-09	2		
SCION	tC	05-09	2		

NOTE

1/2 -Type may vary by vehicule equipment

2/3 -Type may be standard key or push to start.

NC -Not covered

- II WARNING: Please advise that the install type numbers have changed since the last revision of this install guide.
- III Type 3 install provides simulated tach output for hybrid vehicles.

cluster, radio and heating system.

A hybrid vehicle might be running without its engine being running. To determine whether a hybrid vehicle is running or not, look at the instrument

"Push to Start" vehicles have a maximum take over time of 45 seconds: for security reasons, during the remote starter runtime, the driver must press the unlock button of the remote starter fob to trigger a 45 seconds time window which will permit him/her to step into the vehicle and press the brake pedal to complete take over.

INSTALL GUIDE



TRANSPONDER BYPASS

TOYOTA/LEXUS

Guides Français disponibles au www.idatalink.com

Page 3 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

KNOWLEDGE BASE

REGARDING THE TXCT WIRE

IMPROVED INSTALL TYPES 2,3,4 and 5 WITHOUT CUTTING THE TXCT WIRE

The new installation types without cutting the TXCT wire are a result of long term engineering researches, during the researches, it's been possible for our engineers to MAP the entire encryption for every vehicles covered by the TL Firmware. The MAP can now be used to learn the module without the need to send multiple challenges to the immobilizer receiver located at the key cylinder. During your install a simple connection to the TXCT wire will be made without interrupting cutting or interrupting it. During the learning process the module will automatically refer to the MAP. The most popular vehicles are listed first and the MAP refers to the less popular at the end.

ADVANCED DIAGNOSTIC

The Firmware is monitoring the entire module learning process and records every steps in its EEPROM!

As soon the module is connected to the vehicle it starts monitoring and recording all its I/O's (same as an airplane black box). The information can be extracted from the module and sent to your technical support team for advanced debugging at any required time.

The information recorded is:

- Install Type
- Detects and registers Key Code Encryption
- Detects 80 Bits encryption keys (not supported)
- Records MAP reference
- Records Key Code Encryption
- Detects, records key collisions during remote start
- Offers a safety protection on Ground When Running Status
- Monitors RS232 communications
- Detects if the Module key code sent to vehicle was validated or rejected
- Filters and detects spikes on the ignition wire
- · Protected memory buffer for module key code recovery even after module is re-flashed and a factory reset is been performed.
- TXCT/CODE inversion detection and protection
- Records Installation mode, firmware, hardware informations
- Protection enabled to learn the vehicle even if the immobilizer is in password mode

THE ADVANTAGES:

The TL solution is the safest and most reliable solution available in the field for the Toyota and Lexus vehicles. The MAP system is an exclusive improvement to protect the vehicle Immobilizer module during programming. With the use of this module, you will definitely secure your remote starter install with the best and safest known solution available in the market.

OLDER FIRMWARE:

Call your technical support if you need access to an older firmware.

- Firmware connecting to the IMI & IMO wires
- Firmware cutting the TXCT wire upon programming.

INSTALL GUIDE



TRANSPONDER BYPASS

TOYOTA/LEXUS

Guides Français disponibles au www.idatalink.com

Page 4 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

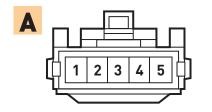
TYPE 1 - WIRE CROSS REFERENCE CHART

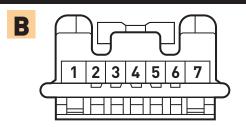
			AMP		CODE		RXCK		тхст		GROUND (-)	KEY SENSE	~	
MAKE			POSITION	WIRE	POSITION	WIRE	POSITION	WIRE	WIRE	CONNECTOR				
	4Runner	99-02	1	White/Blue	2	Gray/Red	3	Red/Black	4	Pink/Black	5	Brown	Yellow/Red	Α
	Avalon	98-99	1	LtGreen	2	Black/Red	3	Yellow	4	Green	5	White/Black	Red/Yellow	Α
	Avalon	00-04	1	Black/White	2	Pink/Green	3	Blue/Orange	4	Blue/Yellow	5	White/Black	Red/White	Α
	Camry	98-01	1	Black/Yellow	2	Green/White	3	Red/Blue	4	Blue/Yellow	5	White/Black	Blue/Black	Α
	Camry (4cyl)	02-04	1	Black/Red	4	Green/White	3	Red/Blue	5	Blue/Yellow	7	White/Black	Blue	В
	Camry (6cyl)	02-03	1	Black/Red	4	Green/White	3	Red/Blue	5	Blue/Yellow	7	White/Black	Blue	В
	Highlander	01-03	1	White	4	Gray/Blue	3	Pink	5	Gray	7	White/Black	Blue	В
OTA	Land Cruiser	98-02	1	Black/Yellow	2	Blue/Black	3	Purple/Green	4	Red/Yellow	5	White/Black	Red/Black	Е
TOYOTA	MR2 Spyder	00-05	5	Black	2	Blue/Yellow	4	Yellow	1	Blue/Black	3	White/Black	Yellow/Red	С
Ι.	RAV4	01-03	5	Black/Red	2	Yellow/Green	4	Yellow	1	Yellow/Black	3	White/Black	Blue/Red	C
	Sequoia	01-02	1	Black/Red	4	Red/Yellow	5	LtGreen	6	Yellow/Green	2	Orange	Yellow/Green	D
	Sequoia	03-07	1	Gray/Black	4	Red/Yellow	5	LtGreen	6	Yellow/Green	2	Gray/LtBlue	Yellow/Green	D
	Sienna	99-03	1	Black/Red	2	Brown/White	3	Brown/Red	4	Brown/Yellow	5	White/Black	Blue/Black	Α
	Solara	99-03	1	Red	2	Green/White	3	Red/Blue	4	Blue/Yellow	5	White/Black	Blue/Black	Α
	Tundra S. Cab	06	1	Red	3	Green	4	Blue/Red	5	Gray	2	Pink	Pink/Black	D
	Tundra D. Cab	06	1	White	4	Green	5	Red	6	Black	2	Gray	Yellow/Green	D
	ES300	98-01	1	Black/Yellow	2	Green/White	3	Red/Blue	4	Blue/Yellow	5	White/Black	Blue/Black	Α
	ES300	02-03	1	Black/Red	4	Green/White	3	Red/Blue	5	Blue/Yellow	7	White/Black	Blue	В
	GS 300	98-00	1	Black/Red	2	Green/Black	3	Black/White	4	Blue/Red	5	White/Black	Yellow	Е
	GS 300	01-05	1	Black/Red	2	Green/Black	3	Black/White	4	Blue/Red	5	White/Black	Yellow	Α
	GS 400	98-00	1	Black/Red	2	Green/Black	3	Black/White	4	Blue/Red	5	White/Black	Yellow	Е
	GS 430	01-05	1	Black/Red	2	Green/Black	3	Black/White	4	Blue/Red	5	White/Black	Yellow	Α
	IS 300	01	1	Black/Red	2	Green	3	Purple	4	Pink	5	White/Black	Black/Yellow	Α
	IS 300	02-05	1	Black/Red	2	Green/Black	3	Purple	4	Pink/Black	5	White/Black	Black/Yellow	Α
LEXUS	LS 400	98-00	1	White	2	Red/White	3	Red/Black	4	Red	5	White/Black	Yellow	Α
P	LS 430	01-03	1	Orange	4	Red/White	3	White/Red	5	LtBlue/Black	7	Violet	LtGreen/Black	В
	LS 430 (smartkey)	04-06	1	Red	4	Orange	3	LtBlue	5	Yellow/Black	7	Violet	LtGreen/Black	В
	LX 470	98-02	1	Black/Yellow	2	Blue/Black	3	Purple/Green	4	Red/Yellow	5	White/Black	Red/White	Е
	RX 300	99	1	Blue/White	2	Purple	3	Black	4	Gray	5	White/Black	Blue	Α
	RX 300	00	1	Blue/White	2	Purple	3	Pink	4	Gray	5	White/Black	Blue	Α
	RX 300	01-03	1	Black/Red	2	Purple	3	Pink	4	Gray	5	White/Black	Blue	Α
	SC 300	98-00	1	Black/Red	2	Black/Orange	3	Blue	4	Green/Orange	5	White/Green	Yellow	Α
	SC 400	98-00	1	Black/Red	2	Black/Orange	3	Blue	4	Green/Orange	5	White/Green	Yellow	Α
	SC 430	02-09	1	Yellow	2	Violet/White	3	Red	4	Green	5	Violet	LtGreen/Black	Α

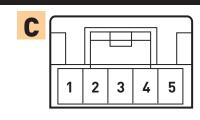
Guides Français disponibles au www.idatalink.com

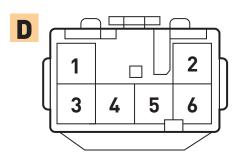
Page 5 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

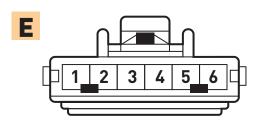
TYPE 1 - COMPONENT LOCATOR - CONNECTORS





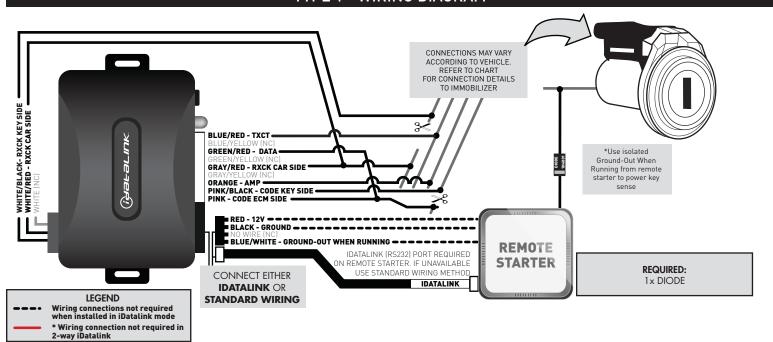






Connector located at immobilizer near key barrel or 8 inches lower on the immobilizer harness.

TYPE 1 - WIRING DIAGRAM



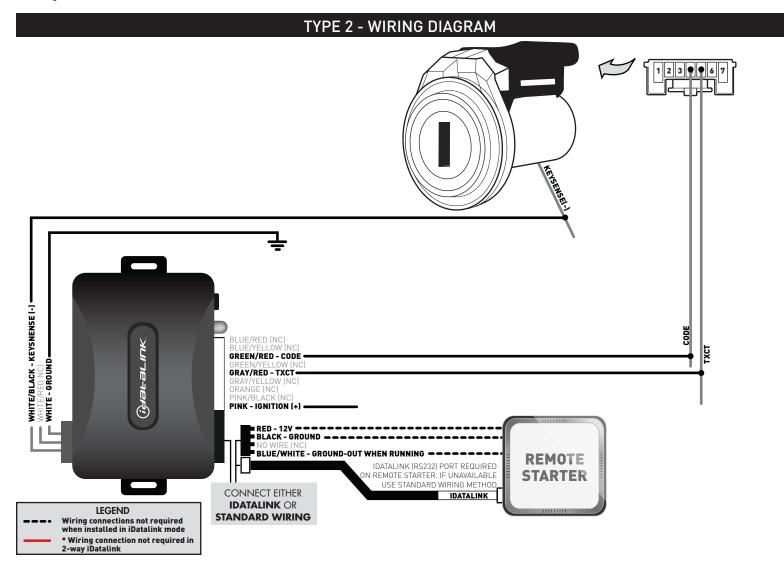
Guides Français disponibles au www.idatalink.com

TYPE 2 - WIRE CROSS REFERENCE CHART

				CODE		тхст	KEY SENSE
MAKE	MODEL	YEAR	POSITION	WIRE	POSITION	WIRE	WIRE
	4Runner	03-09	4	Pink/Green	5	LtGreen/Red	Green/Yellow
	Avalon	05-09	4	LtGreen	5	Brown	Black
	Camry	03-06	4	Green/White	5	Blue/Yellow	Blue
	Camry	07-09	4	Brown	5	Red	Blue
	Corolla	05-08	4	Blue	5	Green	Blue/Black
	Corolla (Japan)	09	4	LtBlue	5	Beige	LtBlue
	Corolla (Canada)	09	4	Pink	5	Green	LtBlue
	FJ Cruiser	07-09	4	Pink/Green	5	LtGreen/Red	Green/Yellow
	Hiace	06-09	4	Blue	5	Yellow	Yellow/Black
	Highlander	04-07	4	Gray	5	White	Green
	Highlander	08-09	4	Red	5	LtBlue	LtBlue
≰	Hilux	04-09	4	LtBlue/Yellow	5	LtBlue/Black	Green/Yellow
TOYOTA	Land Cruiser	03-07	4	Blue/Black	5	Violet/Green	Red/Black
12	Matrix	05-08	4	Blue	5	Green	Blue/Black
	Matrix	09	4	LtBlue	5	Beige	Blue
	RAV4	04-05	4	Blue/Red	5	Pink	Blue/Red
	RAV4	06-09	4	Pink	5	Green	Blue
	Sequoia	08-09	4	LtGreen	5	Blue	Gray
	Sienna	04-09	4	Yellow	5	Yellow/Red	Blue/Black
	Solara (Convertible)	04-08	4	Green/White	5	Blue/Yellow	Blue
	Solara (Coupe)	04-08	4	Yellow	5	Yellow/Red	Blue
	Tacoma	05-09	4	Pink/Green	5	LtGreen/Red	Green/Black
	Tundra	07-09	4	LtGreen	5	Blue	Gray
	Venza	09	4	LtGreen	5	Brown	Brown
	Yaris	06-09	4	Green	5	Violet	Yellow
	ES 330	04-06	4	Green/White	5	Blue/Yellow	Blue
	GX 470	03-09	4	Yellow	5	Yellow/Black	Green/Yellow
LEXUS	LS 430	04-06	4	Red/White	5	Blue/Black	LtGreen/Black
P	LX 470	03-07	4	Blue/Black	5	Violet/Green	Red/Black
	RX 330	04-06	4	LtGreen	5	Brown	Black
	RX 350	07-08	4	LtGreen	5	Brown	Black
PONTIAC	Vibe	08	4	Blue	5	Green	Blue/Black
	Vibe	09	4	LtBlue	5	Beige	Blue
SCION	tC	05-09	4	Yellow	5	Red	Black

Guides Français disponibles au www.idatalink.com

Page 7 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221



INSTALL GUIDE



TRANSPONDER BYPASS

TOYOTA/LEXUS

Guides Français disponibles au www.idatalink.com

Page 8 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

TYPE 3 - WIRE CROSS REFERENCE CHART

				CODE		TXCT	F	PUSH		IGNITION	1	2V (BRAKE)		BRAKE
MAKE	MODEL	YEAR	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE
	Avalon (smartkey)	05-09	10	White	9	Gray	7	Blue	A3	Brown	A2	Black	A1	White
	Camry Hybrid	07-09	10	White	9	Gray	7	Blue	А3	Black	A2	Black	A1	White
	Camry (smartkey)	07-09	10	White	9	Gray	7	Blue	A3	Black	A2	Black	A1	Blue
ТОУОТА	Corolla (smartkey)	09	10	Green	9	LtBlue	7	White	A3	Black	A2	White	A1	Blue
5	Highlander (smartkey)	08-09	10	Gray	9	Orange	7	Pink	A3	White	A2	Violet	A1	Blue
	Highlander Hybrid	08-09	10	Gray	9	Orange	7	Pink	A3	White	A2	Violet	A1	Blue
	Land Cruiser	08	10	Green	9	LtBlue	7	Black	В3	Black	B2	Blue/Black	B1	Red
	RAV4 (smartkey)	09	10	White	9	Blue	7	White	B4	Black	B2	White	B1	Blue
	ES 350	07-08	10	White	9	Gray	7	Blue	A3	Black	A2	Black	A1	Blue
	GS 300	06	10	Yellow	9	Blue	7	Pink	В3	Black/White	A2	Blue/White	B1	Red/Black
	GS 350	07-08	10	Yellow	9	Blue	7	Pink	В3	Black/White	B2	Blue/White	B1	Red/Black
	GS 430	06-07	10	Yellow	9	Blue	7	Pink	B3	Black/White	B2	Blue/White	B1	Red/Black
S	GS 450 Hybrid	07-08	10	Yellow	9	Blue	7	Pink	В3	Black/White	B2	Blue/White	B1	Red/Black
LEXUS	GS 460	08	10	Yellow	9	Blue	7	Pink	В3	Black/White	B2	Blue/White	B1	Red/Black
-	IS 250	06-08	10	LtBlue	9	Blue	7	Black	B4	LtGreen	B2	Blue/White	B1	Red/Black
	IS 350	06-08	10	LtBlue	9	Blue	7	Black	B4	LtGreen	B2	Blue/White	B1	Red/Black
	IS-F	08	10	LtBlue	9	Blue	7	Black	B4	LtGreen	B2	Blue/White	B1	Red/Black
	LS 460	07-08	10	White	9	Orange	7	White	В3	Red	B2	Green	B1	Blue
	LS 600 Hybrid	08	10	White	9	Orange	7	White	B4	LtGreen	B2	Green	B1	Red/Black

Guides Français disponibles au www.idatalink.com

Page 9 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

TYPE 3 - WIRING DIAGRAM **REQUIRED:** 1x 1K RESISTOR 1x RELAY 4x DIODES WITH DOORLOCKS FEATURE or 2x DIODES WITHOUT DOORLOCKS 8 • 11 12 13 14 1 2 3 4 5 6 • **ENGINE** START **STOP** BLUE/RED - GROUND BLUE/YELLOW - PUSH (-) GREEN/RED - CODE GRAY/RED - TXCT ORANGE - TACH PINK - SYNCHRO-WHITE ■ WHITE/BLACK CONNECT EITHER **IDATALINK** OR **STANDARD WIRING LEGEND** REMOTE IDATALINK Wiring connections not required when installed in iDatalink mode IDATALINK (RS232) PORT REQUIRED ON REMOTE STARTER. IF UNAVAILABLE **STARTER** * Wiring connection not required in USE STANDARD WIRING METHOD 2-way iDatalink WARNING DO NOT CONNECT ANY OTHER DO NOT CONNECT ANY OTHER ACCESSORY, IGNITION OR START WIRE FROM THE REMOTE STARTER TO THE VEHICLE. THE INTERFACE MODULE IS HANDLING THE REQUIRED VEHICLE POWERS AND START SEQUENCE FROM THE PUSH TO START BUTTON CIRCUIT. *NOTE: FACTORY KEYFOB WILL NOT FUNCTION LOCK (-) • WHEN REMOTE STARTER IS ENGAGED. FOR AFTERMARKET KEYFOB FUNCTIONALITY. HARDWIRE REMOTE STARTER DOORLOCKS UNLOCK (-) ACCESSORY (+) WARNING IGNITION IS USED ONLY AS AN INPUT TO THE REMOTE STARTER, NOT AN OUTPUT TO THE VEHICLE. DIODE CATHODE NEEDS TO BE FACING THE REMOTE STARTER TACH (AC) = BRAKE (+) IGNITION (+) 111111111 BRAKE LAMP BRAKE SW VEHICLE IGNITION CAN BE FOUND AT BRAKE PEDAL

TYPE 4 - WIRE CROSS REFERENCE CHART

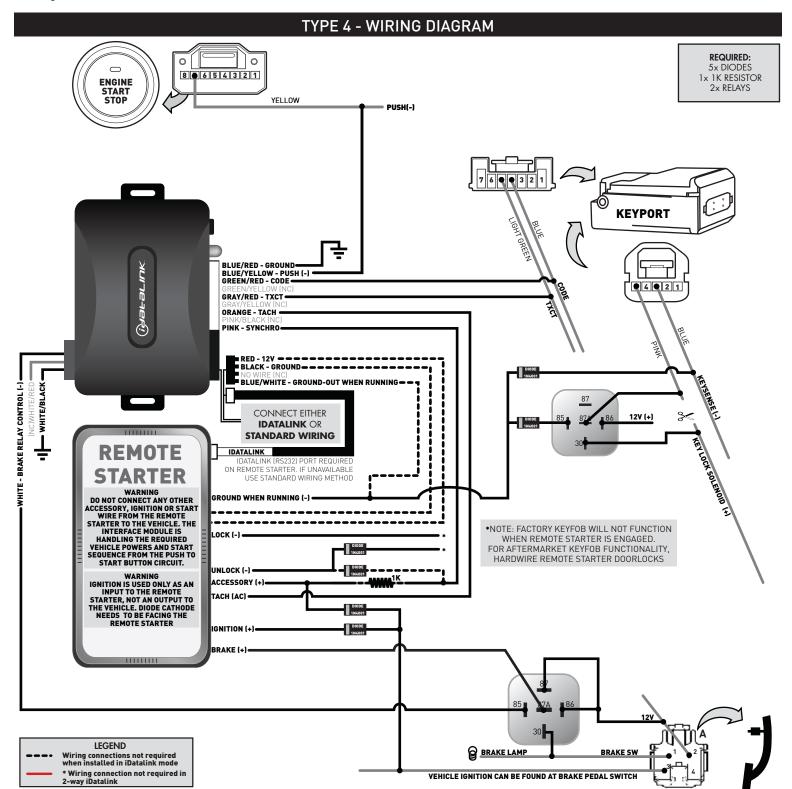
		CODE			TXCT	PU	SH TO START	IGNITION		12V (BRAKE)		BRAKE		
MAKE	MODEL	YEAR	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE	POSITION	WIRE
TOYOTA	Prius	04-09	4	Blue	5	LtGreen	7	Yellow	А3	Orange	A2	Black	A1	Blue



TRANSPONDER BYPASS
TOYOTA/LEXUS

Guides Français disponibles au www.idatalink.com

Page 10 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221



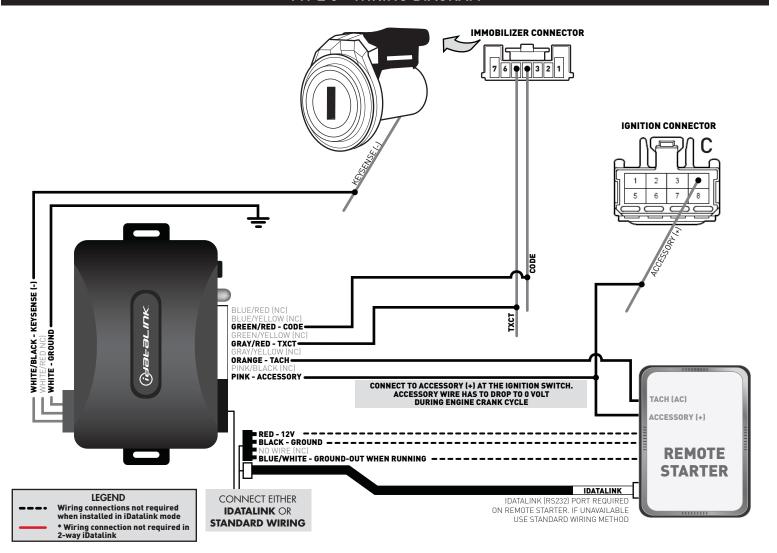
Guides Français disponibles au www.idatalink.com

Page 11 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

TYPE 5 - WIRE CROSS REFERENCE CHART

			CODE			тхст	KEYSENSE	ACCESSORY	
MAKE	MODEL	YEAR	POSITION	WIRE	POSITION	WIRE	WIRE	POSITION	WIRE
TOYOTA	Highlander Hybrid	06-07	4	Gray	5	LtBlue	Green	C4	Green
LEXUS	RX 400 Hybrid	06-08	4	LtGreen	5	Brown	Black	C4	Green

TYPE 5 - WIRING DIAGRAM

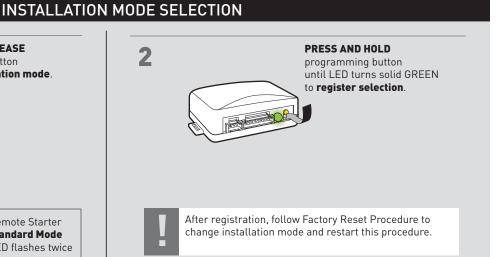


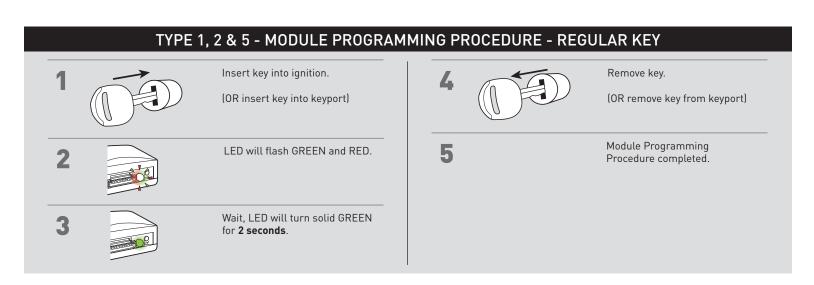


Guides Français disponibles au www.idatalink.com

Page 12 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

PRESS AND RELEASE programming button to select installation mode. Remote Starter Data Mode LED flashes once Remote Starter Standard Mode LED flashes twice







Guides Français disponibles au www.idatalink.com

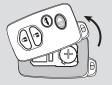
Page 13 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

TYPE 3 - MODULE PROGRAMMING PROCEDURE - SMARTKEY PUSH TO START

NOTE

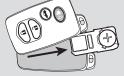
When programming, only one key fob will be used. The other one must be located at least 10 feet away from the vehicle.

1



Open key fob.

2



Remove circuit board from key fob.

3



Remove battery from circuit board.

4 ENGINE START STOP

Place circuit board in front of push to start button.

5 ENGINE STAFF STOP X2

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

6

LED will flash GREEN and RED.

7



Wait, LED will turn solid GREEN

for 2 seconds.

8

Module Programming Procedure completed.

TYPE 4 - MODULE PROGRAMMING PROCEDURE - NON-RFID PUSH TO START

NOTE

When programming, only one key fob will be used. The other one must be located at least 10 feet away from the vehicle.

1



Insert keyfob in keyport.

2 ENGINE STAFF X2

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

3



LED will flash GREEN and RED.

4



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

5

Module Programming Procedure completed.

Guides Français disponibles au www.idatalink.com

IDENTIFY VEHICLE YEAR

1

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



Match the VIN's 10th character to its corresponding year. $L \rightarrow 1990$ $\mathbf{S} \rightarrow 1995$ $Y \rightarrow 2000$ **5** → 2005 $\mathbf{A} \rightarrow 2010$ **1** → 2001 $M \rightarrow 1991$ $T \rightarrow 1996$ **6** → 2006 **B** → 2011 $N \to 1992$ **V** → 1997 2 → 20027 → 2007 $\mathbf{C} \rightarrow 2012$ **P** → 1993 **W**→ 1998 $3 \rightarrow 2003$ $8 \to 2008$ $\mathbf{D} \rightarrow 2013$

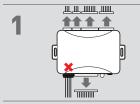
4 → 2004

9 → 2009

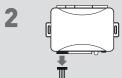
E → 2014

MODULE DIAGNOSTICS												
LED STATUS		DIAGNOSTICS										
LED STATUS	DURING PROGRAMMING	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



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



DISCONNECT black 4-PIN standard or optional data connector.



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



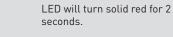


When LED flashes red, **RELEASE** programming button.

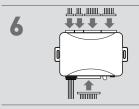
5

R → 1994

 $X \rightarrow 1999$



RESET COMPLETED.



 $\label{eq:reconnectors} \textbf{RECONNECT} \ \text{all connectors}.$

7

Repeat programming procedure.



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



Guides Français disponibles au www.idatalink.com

Page 15 of 15 ADS-TB-TL Doc. No.: ##4672## 20101221

PUSH TO START VEHICLE TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

NOTE

- I This procedure is to be followed during remote starter runtime prior to entering vehicle.
- II Do not attempt to remote start the vehicle when the OEM RFID FOB's are in the vehicle.



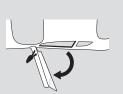
TIME RESTRICTION COMING UP!

1



Press UNLOCK on after-market remote.

2



TIME RESTRICTION

Within 45 SECONDS from previous step:

Open vehicle door.

Enter vehicle.



Press and release BRAKE pedal.

3

Push to Start vehicle take over procedure completed.



Failure to follow procedure within time restriction will result in vehicle engine shutdown.