CANMAX400-TOYOTA3

Page 1

CANMAX400 supports multiple data bus architectures including: CAN High speed, CAN Single Wire, CAN Fault Tolerant, GM-LAN, J1850, ISO, BEAN, FLEXRAY and more. CANMAX400 includes 2 additional ports: XKEY and XPANSION.
The second generation XKLOADER2 is required for flashing CANMAX400.

TOYOTA

> ⚠ **Update Alert**: Firmware updates are posted to the web on a regular basis. We recommend you check for firmware and/or install guide updates prior to installation of this product.
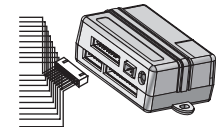
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Installation procedures (Overview)

Please Note: Failure to proceed in the following order could result in possible vehicle damage.

1 — **Wiring**
Make all connections as per wiring schematics either W2W or D2D.

2 ⚠ — **Connect 20 pin to module**
Connect the 20 pin harness to the module.

> ⚠ CAUTION! 20 pin connector can be easily plugged in backwards.

3 — **Remote starter Jumpers setting in D2D mode**
Jumpers
Make sure both jumpers on Responder are in the **horizontal** position to **Operate**.
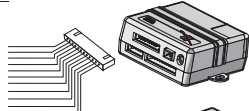
4 — **Connect the remote starter to the vehicle.**
Connect the system to the vehicle according to instructions.

5 — **Powerup the CANMAX**
If connected in W2W
Connect 12 PIN harness.
If connected in D2D
Connect 4 PIN D2D harness.
Once done, the bypass red LED will turn ON.

6 — **Module programming**
(See details on page 4.)

7 — **Ready to use**
Green LED will turn ON 3 seconds, and then turn OFF.

TECHNICAL SUPPORT / INFORMATION

XPRESSKIT

web resources:
www.xpresskit.com
www.xpressvip.com
www.directechs.com

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XPRESSKIT™ *Full 2-Way D2D Compatible*

VIPER CLIFFORD PYTHON AUTOSTART AVITAL

Directed ELECTRONICS, INC.

Toyota Camry 2007-2010
Standard Key

XPRESSKIT™

canmax series

Rev.: 20091123

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TOYOTA

D2D WIRING

Suggested installation with a remote starter in D2D on 2007-2010 Toyota Camry with standard key.

RUN SAFE
Run safe will not allow the car to start if the doors are opened. This feature can be bypassed simply by pressing the UNLOCK button on the remote starter transmitter once the engine is running, thus allowing the driver 45 seconds to enter the vehicle and step on the brake pedal without having the vehicle shut down..

E29
Black Connector

1 2 3 4 5 6 7

Light Green or Brown   Tan or Red

These connectors are located at the ignition switch.

E5
White Connector

1 2

Blue

TX   Yellow/Black
RX   Violet/White

Black/White   Keysense

20   10

20 pin connector from CANMAX wire side view

CANMAX400

12 pin connector from CANMAX wire side view

01

12

Pink

Main System   **Remote starter**

(-) Lock / Arm Output to Purple wire in driver's kick panel, white connector.
(-) Unlock / Disarm Output (double pulse) to Green wire in driver's kick panel, white connector.
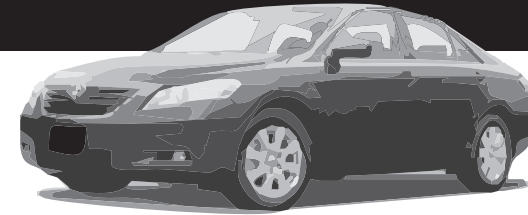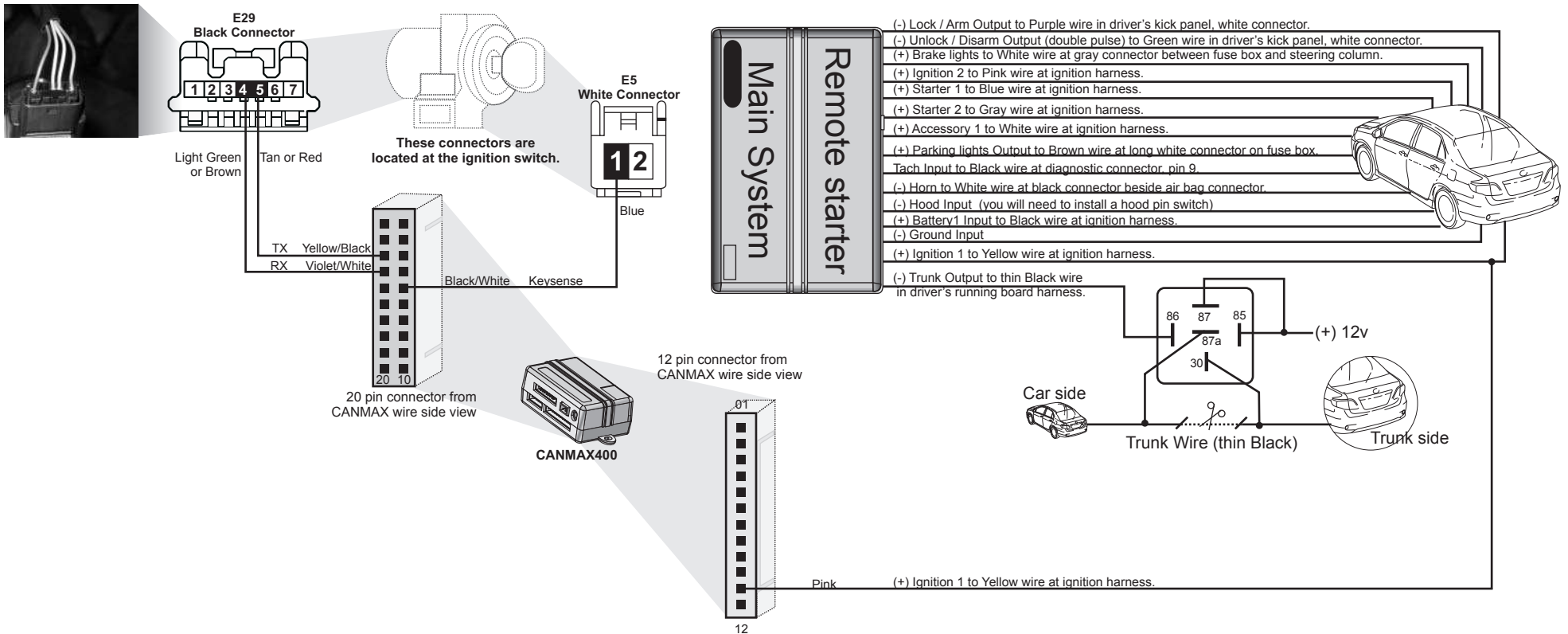(+) Brake lights to White wire at gray connector between fuse box and steering column.
(+) Ignition 2 to Pink wire at ignition harness.
(+) Starter 1 to Blue wire at ignition harness.
(+) Starter 2 to Gray wire at ignition harness.
(+) Accessory 1 to White wire at ignition harness.
(+) Parking lights Output to Brown wire at long white connector on fuse box.
Tach Input to Black wire at diagnostic connector. pin 9.
(-) Horn to White wire at black connector beside air bag connector.
(-) Hood Input (you will need to install a hood pin switch)
(+) Battery1 Input to Black wire at ignition harness.
(-) Ground Input
(+) Ignition 1 to Yellow wire at ignition harness.
(-) Trunk Output to thin Black wire in driver's running board harness.

(+) Ignition 1 to Yellow wire at ignition harness.

86   87   85
87a
30

(+) 12v

Car side

Trunk Wire (thin Black)

Trunk side

Toyota Camry 2007-2010
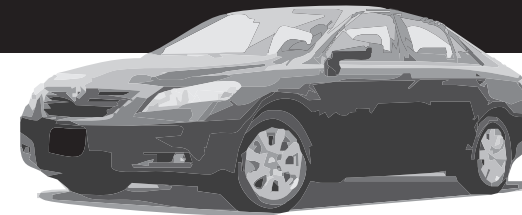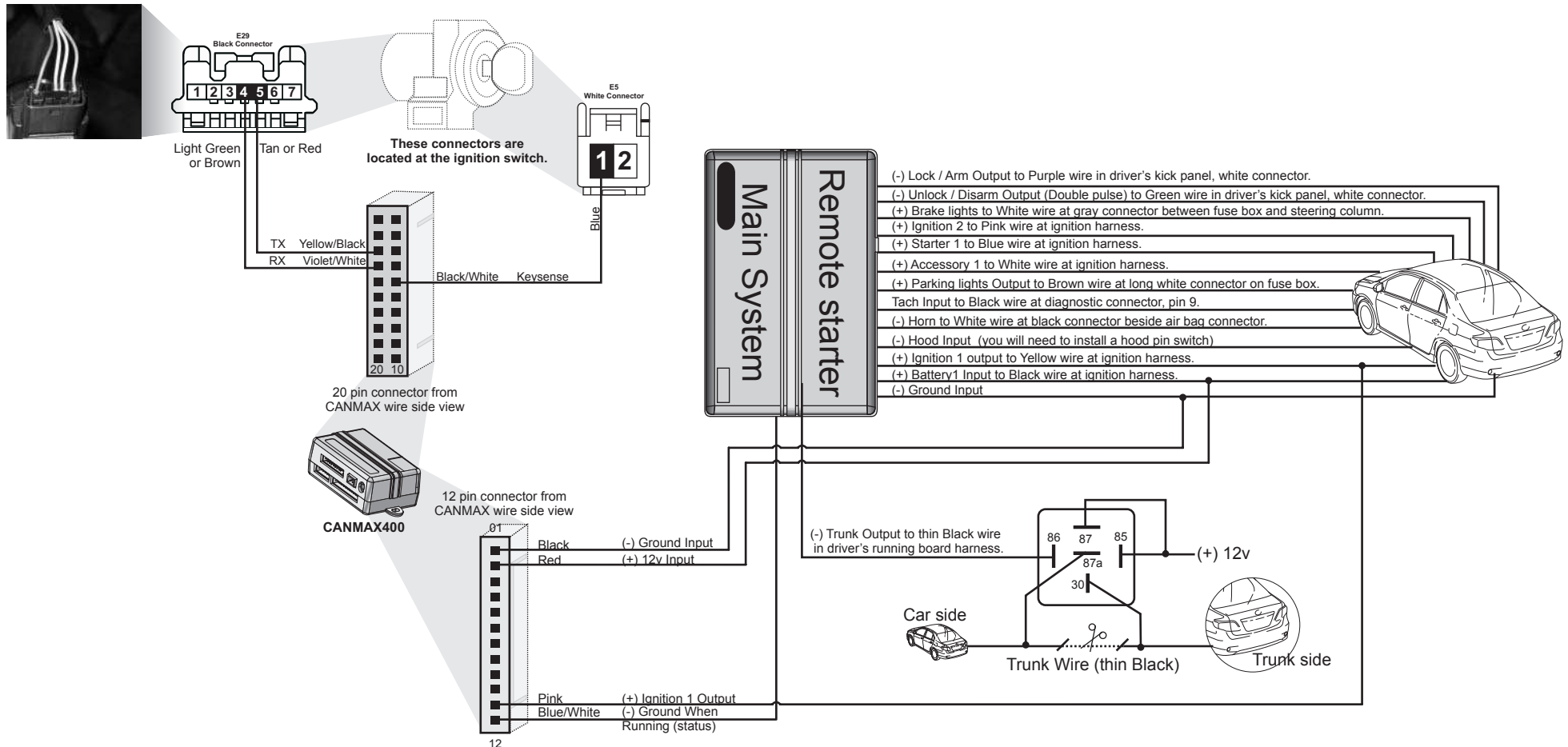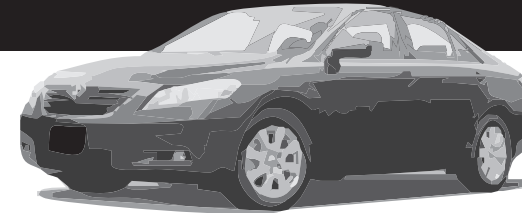## Standard Key

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TOYOTA

W2W WIRING

Suggested installation with a remote starter in D2D on 2007-2010 Toyota Camry with standard key.

E29 Black Connector

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

Light Green or Brown | Tan or Red

These connectors are located at the ignition switch.

E5 White Connector

| 1 | 2 |

Blue

TX   Yellow/Black
RX   Violet/White

Black/White   Keysense

20   10

20 pin connector from CANMAX wire side view

CANMAX400

12 pin connector from CANMAX wire side view

01

Black   (-) Ground Input
Red   (+) 12v Input

Pink   (+) Ignition 1 Output
Blue/White   (-) Ground When Running (status)

12

Main System

Remote starter

(-) Lock / Arm Output to Purple wire in driver's kick panel, white connector.
(-) Unlock / Disarm Output (Double pulse) to Green wire in driver's kick panel, white connector.
(+) Brake lights to White wire at gray connector between fuse box and steering column.
(+) Ignition 2 to Pink wire at ignition harness.
(+) Starter 1 to Blue wire at ignition harness.
(+) Accessory 1 to White wire at ignition harness.
(+) Parking lights Output to Brown wire at long white connector on fuse box.
Tach Input to Black wire at diagnostic connector, pin 9.
(-) Horn to White wire at black connector beside air bag connector.
(-) Hood Input (you will need to install a hood pin switch)
(+) Ignition 1 output to Yellow wire at ignition harness.
(+) Battery1 Input to Black wire at ignition harness.
(-) Ground Input

(-) Trunk Output to thin Black wire in driver's running board harness.

86   87   85
87a
30

(+) 12v

Car side

Trunk Wire (thin Black)

Trunk side

Toyota Camry 2007-2010
Standard Key

XPRESSKIT™

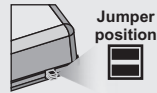**canmax series**

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TOYOTA

Please Note:

When a CANMAX400 is used in D2D with either Viper™, Clifford™ or Python™, the jumpers on the remote starter **MUST** be placed in the **Horizontal** position.

Jumper position

Module Programming with key

1 When all connections are correctly done, the red LED will turn ON.

2 Insert the key in the ignition switch.
The red LED will flash to indicate the module is in learning mode.

KEY — OFF IGN START & FLASH

3 The green LED turns ON for 3 seconds and shuts off.
Remove the key from ignition.

3 sec. & KEY — OFF IGN START

Feature Programming

Integrated Programming Button (IPB)

To enter feature programming routine
- Turn the ignition ON, then OFF.
- Within 5 sec, press and HOLD the integrated programming button (IPB). The orange LED turns ON after 3 seconds. Release the IPB.
- The green LED starts flashing slowly one time to indicate the feature number is 1. After a short delay, the red LED flashes rapidly one time to indicate the current option of feature 1. It repeats until next action happens.

Accessing another feature
- Press and release the IPB a number of times to advance from the current feature to the next desired feature.
- The green LED flashes slowly the number of times equal to the feature number. After a short delay, the red LED flashes rapidly one time to indicate the current option of the current feature. It repeats until next action happens.

Changing feature options
- Press the arm or disarm button on aftermarket transmitter to change the option of the selected feature.
- The red LED flashes rapidly the number of times equal to the current option number. After a short delay, the green LED flashes slowly the number of times to indicate the current feature. It repeats until next action happens.

When the maximum number of feature or option is reached, the will LED starts flashing again from the first feature or option.

Once a feature is programmed
- Another feature(s) can be programmed.
- The feature programming can be exited.

Exiting feature programming
- No activity for 30 seconds; after 30 seconds, the orange LED will turn ON for 2 seconds to confirm exiting.
  OR
- Press and HOLD the IPB for 3 seconds. After 3 seconds, the orange LED will turn ON for 2 seconds to confirm exiting.

Features and Options List

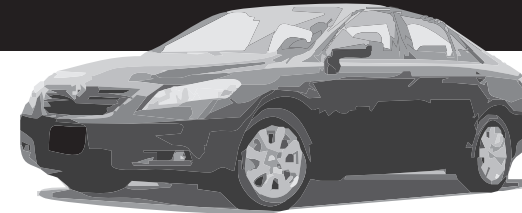| Features	Operation	Option
1	RF Output type Activate this feature whenever an external RFTD module is used (i.e.: XL201 or XL202)	**No RF Output**
		RFTD Output
2	Not Available	Not Available
3	Unlock Driver Priority	**OFF***
		ON

*Default Option

Module Reset

1 Connect the 20-pin harness.

2 Press and hold the Programming button, then power the module:
- D2D: connect the D2D cable; or,
- W2W: connect the 12-pin harness.

3 When the LED turns ON orange, release the Programming button.
Once the LED turns ON red, the module reset is complete.

ON SOLID & & ON SOLID

XPRESSKIT™ *Full 2-Way D2D Compatible*

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Toyota Camry 2007-2010
Standard Key

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TOYOTA

LIMITED ONE-YEAR CONSUMER WARRANTY

For a period of ONE YEAR from the date of purchase of a Directed Electronics remote start or security product, Directed Electronics. ("DIRECTED") promises to the original purchaser, to repair or replace with a comparable reconditioned piece, the security or remote start accessory piece (hereinafter the "Part"), which proves to be defective in workmanship or material under normal use, provided the following conditions are met: the Part was purchased from an authorized DIRECTED dealer; and the Part is returned to DIRECTED, postage prepaid, along with a clear, legible copy of the receipt or bill of sale bearing the following information: consumer's name, address, telephone number, the authorized licensed dealer's name and complete product and Part description.

This warranty is nontransferable and is automatically void if the Part has been modified or used in a manner contrary to its intended purpose or the Part has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defect in materials or construction.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED HEREBY DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING DEALERS OR INSTALLERS. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER'S PURCHASE PRICE OF THE PART. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR AT DIRECTED'S OPTION THE PART AS DESCRIBED ABOVE.

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