

REGULAR & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-----------------|------------------|--|------|--------|-----|--------|--------------|--------------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| CHRYSLER | | | | | | | | | | | | | | | |
| 300-300C | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Town & Country | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Challenger | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | Gas 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | Diesel 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | | |
| 1500/2500 | Diesel 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 3500/4500 | | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 5500 | Gas 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | PROGRAM BYPASS OPTION | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | Program bypass option: | C1 | OEM Remote status (Lock/Unlock) monitoring |
| IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | | A11 | OFF |
| | Program bypass option (If equipped with OEM alarm): | D2 | Unlock before / Lock after (Disarm OEM alarm) |
| | Program bypass option (Vehicle diesel only): | D1.3 | Diesel mode (Vehicle diesel only) |


Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11
OFF
NON

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS |

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM | DIAGRAMME

PAGE

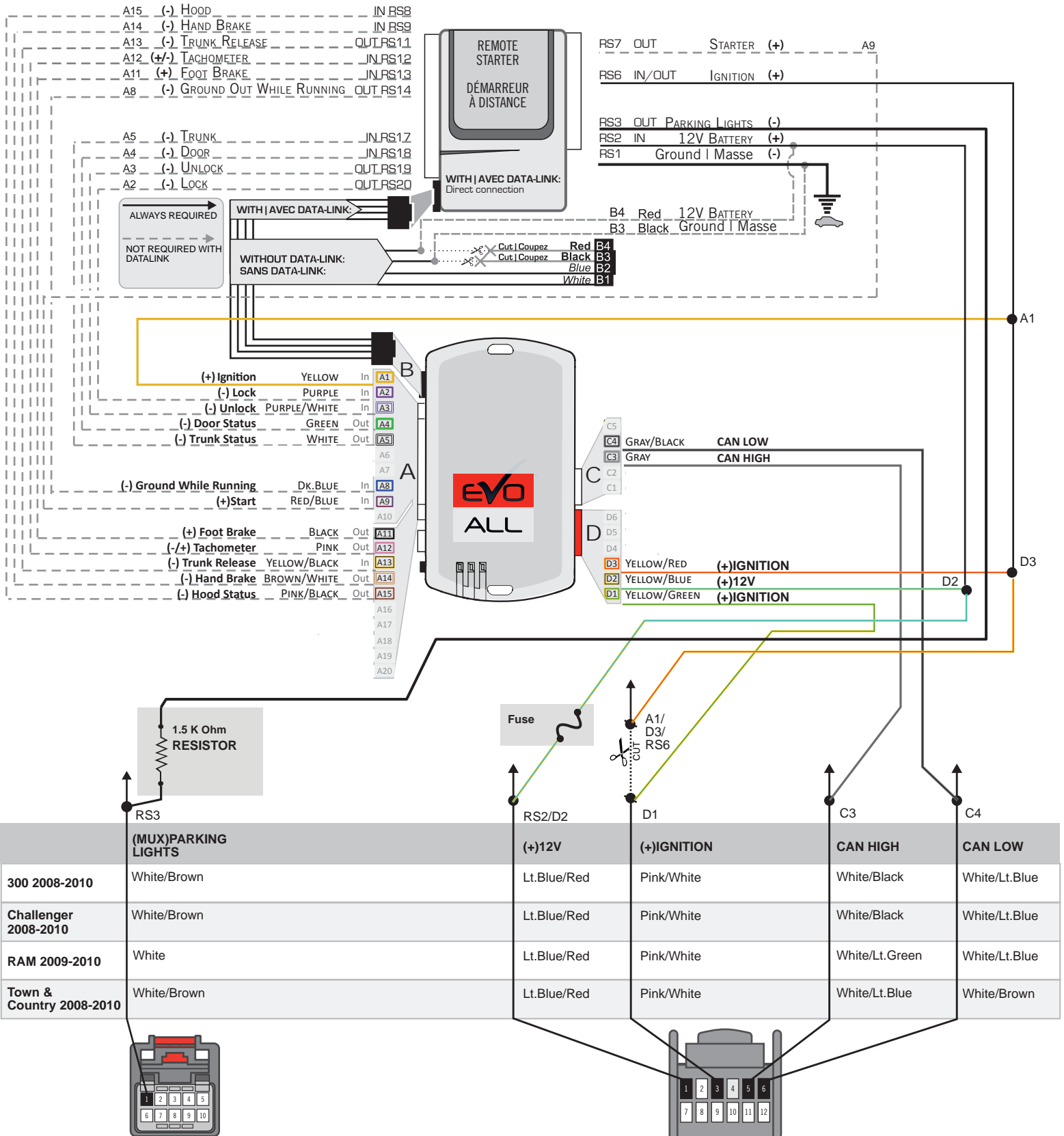
WIRE TO WIRE Connection Diagram |

page 3

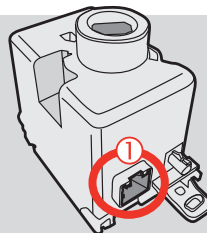
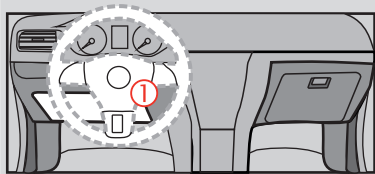
THAR-CHR4 - THarness Diagram |

page 4

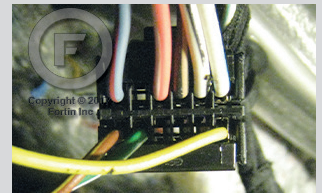
WIRING CONNECTION |



② Driver kick panel

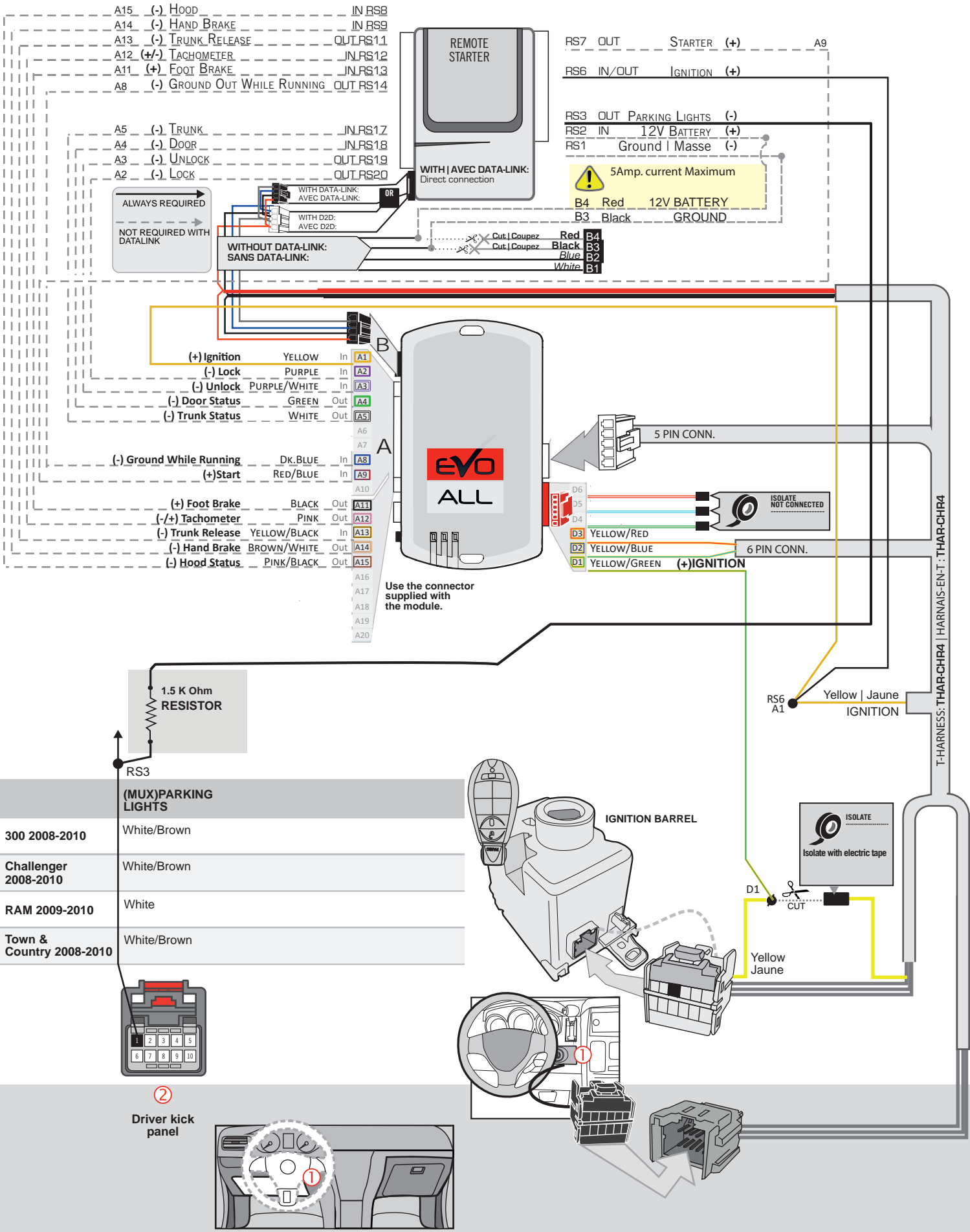


① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



Copyright © 2011 Fortin Inc.

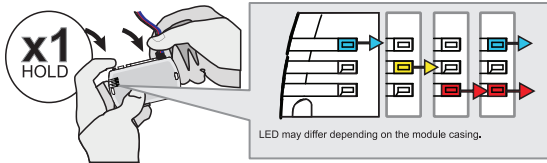
THAR-CHR4 - WIRING CONNECTION |



T-HARNES: THAR-CHR4 | HARNAS-EN-T: THAR-CHR4

PROGRAMMING PROCEDURE |

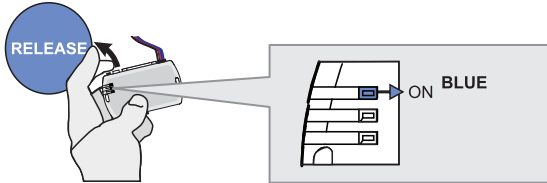
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

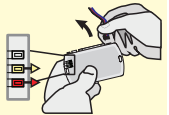
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

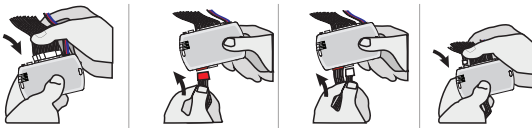


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

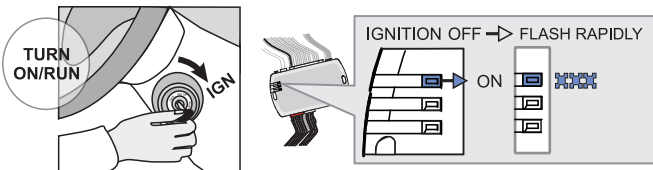


3



Insert the required remaining connectors.

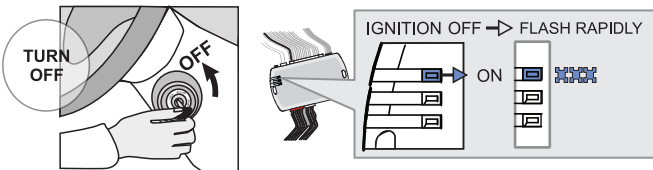
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

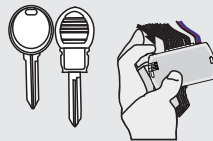
6

With OEM remote

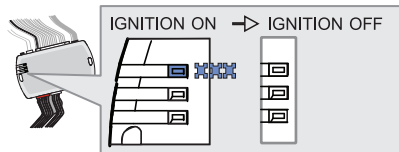


Press the LOCK button on the vehicles OEM remote.

Or



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY |



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR & THAR-CHR4 INSTALLATION & THAR-CHR4

ADDENDUM - SUGGESTED WIRING CONFIGURATION

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| DODGE | | | | | | | | | | | | | | | |
| Challenger | 2011-2014 | • | • | • | • | • | | • | | • | • | • | • | • | • |
| RAM | Gas 2011-2012 | • | • | • | • | • | | | | • | • | • | | • | • |
| | Diesel 2011-2012 | • | • | • | • | • | | | | • | • | • | | • | • |
| RAM | | | | | | | | | | | | | | | |
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| 3500/4500 | | • | • | • | • | • | • | | | • | • | • | | • | • |
| 5500 | Gas 2011-2012 | • | • | • | • | • | • | | | • | • | • | | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | |
| Routan | 2011-2014 | • | • | • | • | • | | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

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| <p>Program bypass option (Vehicle diesel only):</p> | D1.3 | Diesel mode (Vehicle diesel only) |



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MANDATORY INSTALL

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A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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DIAGRAM | DIAGRAMME

PAGE

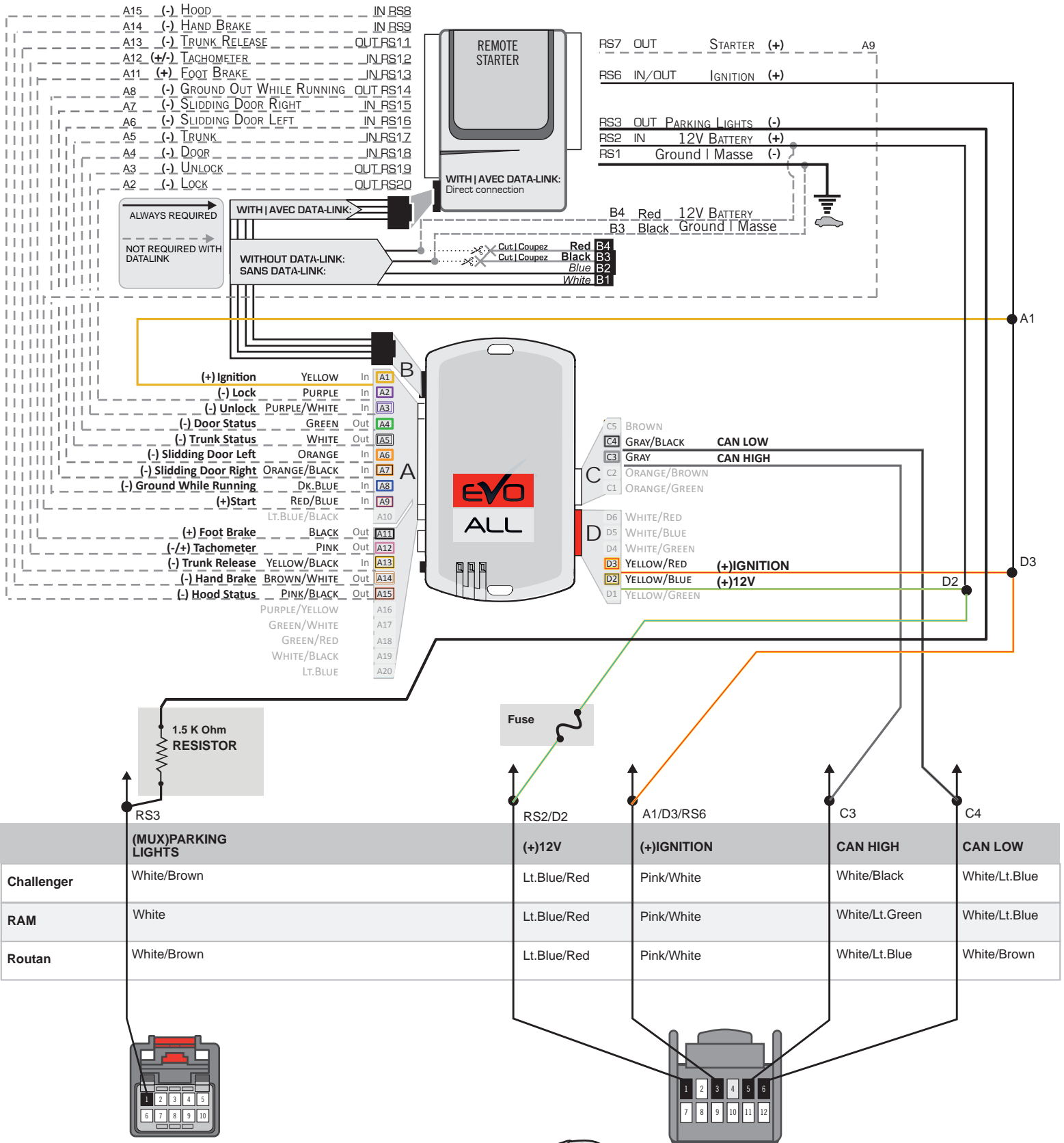
WIRE TO WIRE Connection Diagram

page 3

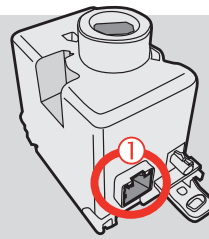
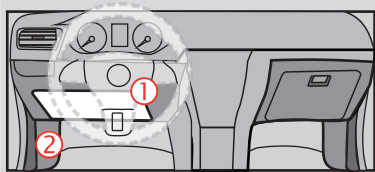
THAR-CHR4 - THarness Diagram

page 4

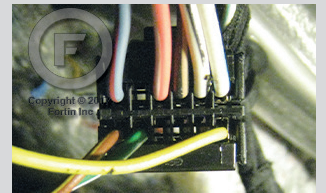
WIRING CONNECTION



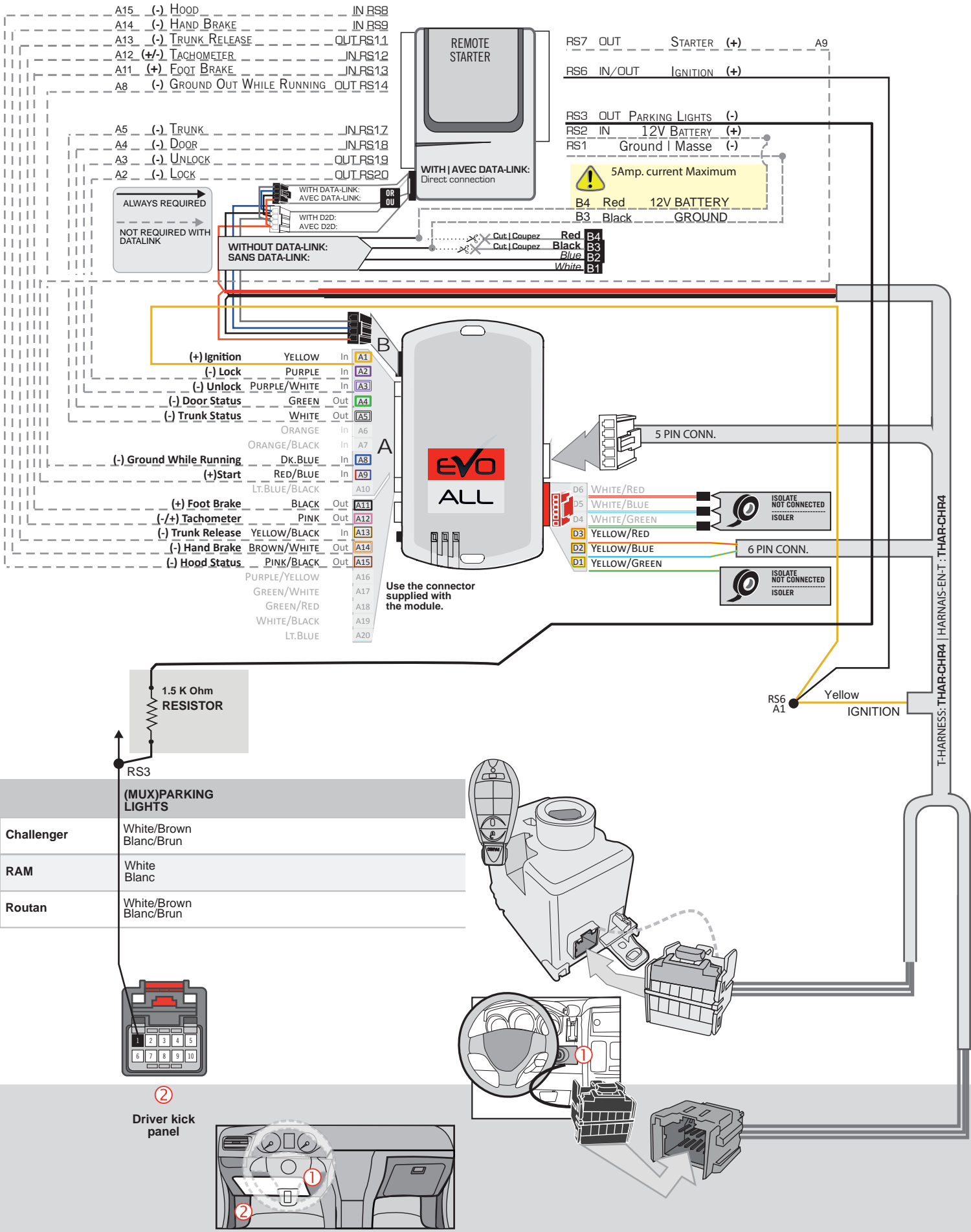
2 Driver kick panel



1 Back view - Black 12-pin Immobilizer connector, at Ignition barrel.

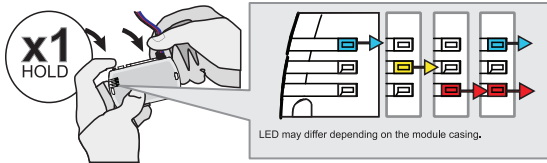


THAR-CHR4 - WIRING CONNECTION



PROGRAMMING PROCEDURE

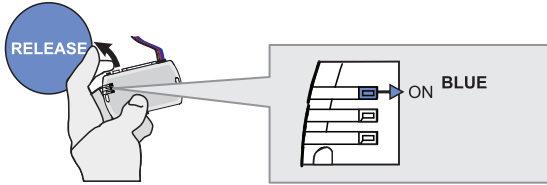
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

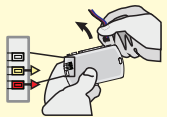
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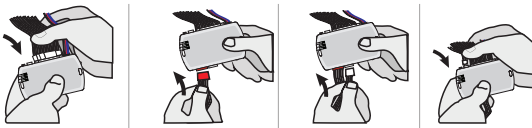


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

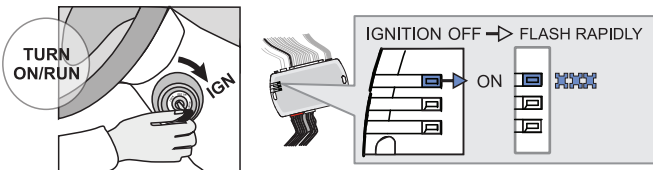


3



Insert the required remaining connectors.

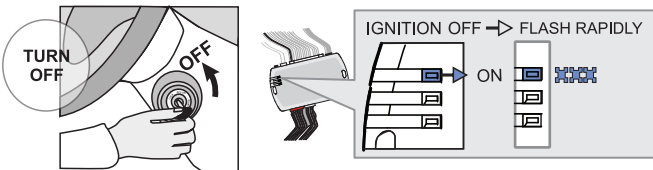
4



Turn the key to the Ignition ON/RUN position.

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5



Turn the key to the OFF position.

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6

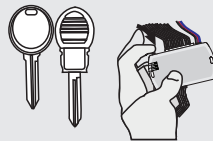
With OEM remote



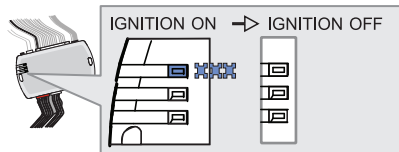
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



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The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



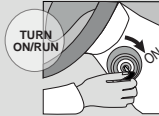
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

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| DODGE | | | | | | | | | | | | | | | |
| Charger | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grand Caravan | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Magnum | 2008 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | | |
| CV | Gas 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | |
| Routan | 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

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| | PROGRAM BYPASS OPTION | UNIT OPTION | DESCRIPTION |
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| | IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | A11 | OFF |
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Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11
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Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

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DIAGRAM

PAGE

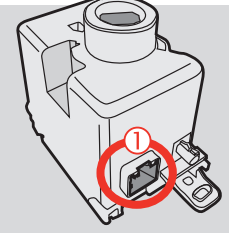
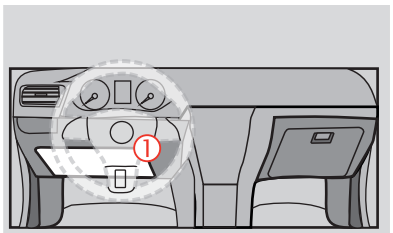
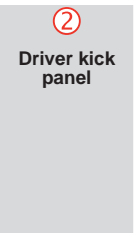
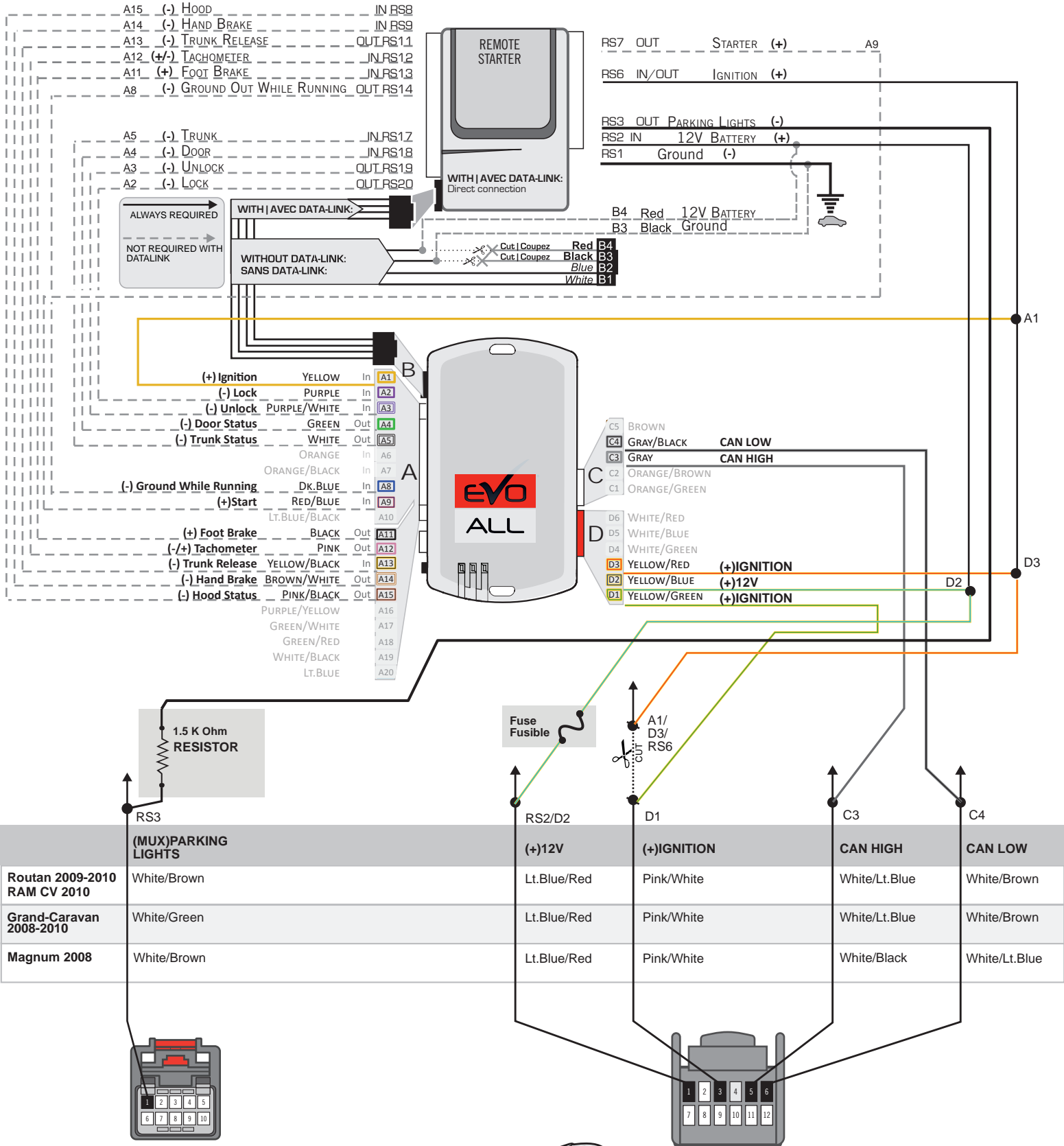
WIRE TO WIRE Connection Diagram

page 3

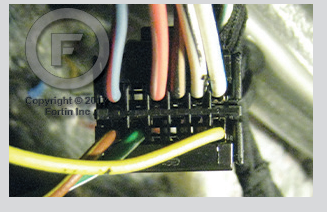
THAR-CHR4 - THarness Diagram

page 4

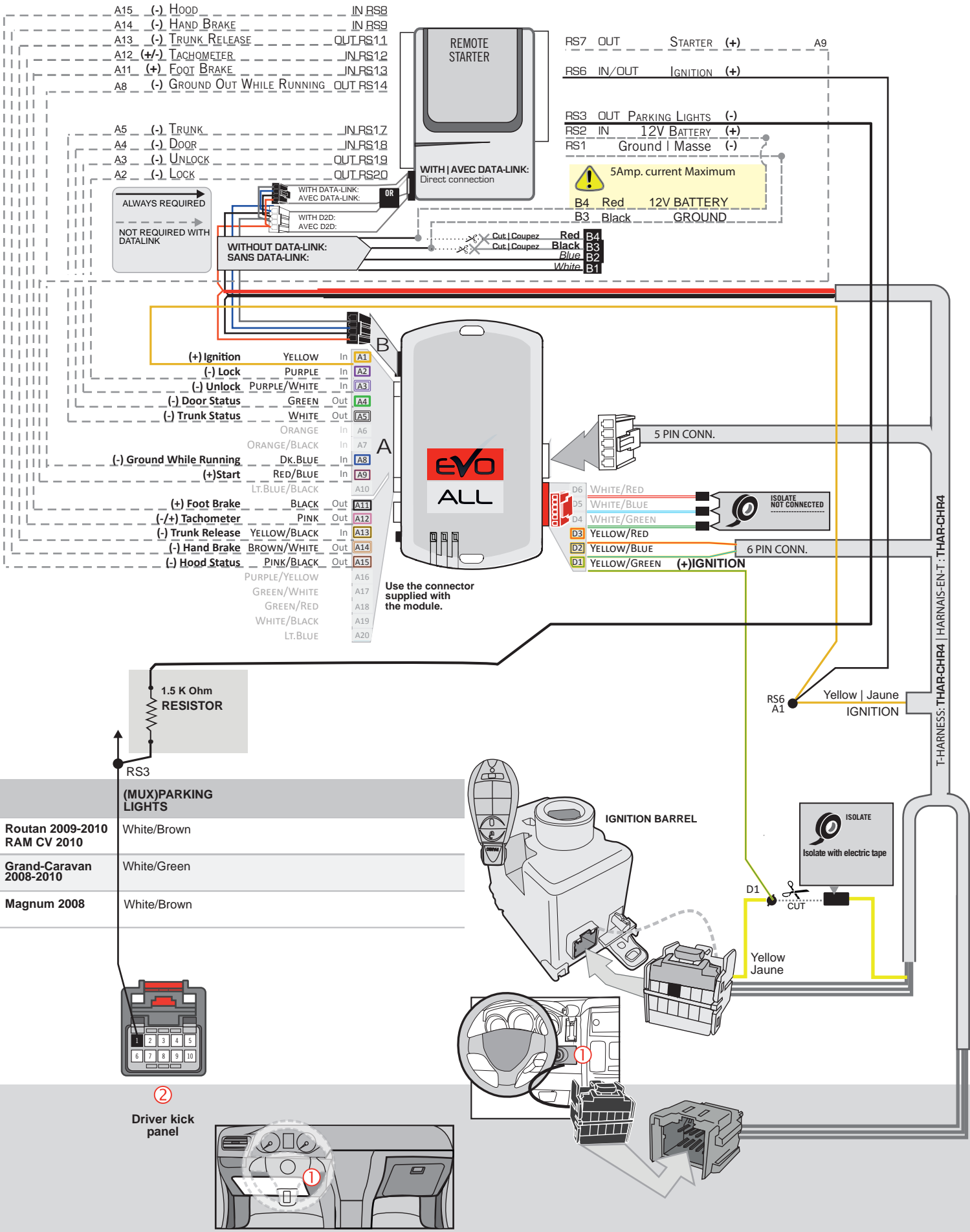
WIRING CONNECTION



1 Back view - Black 12-pin Immobilizer connector, at Ignition barrel.

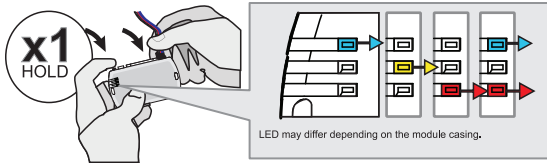


THAR-CHR4 - WIRING CONNECTION



PROGRAMMING PROCEDURE

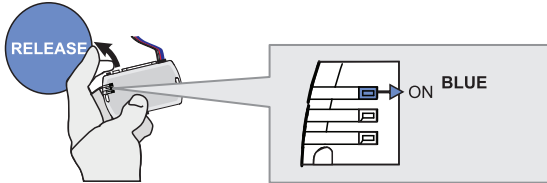
1



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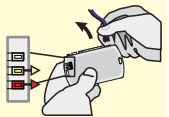
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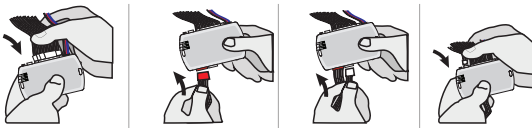


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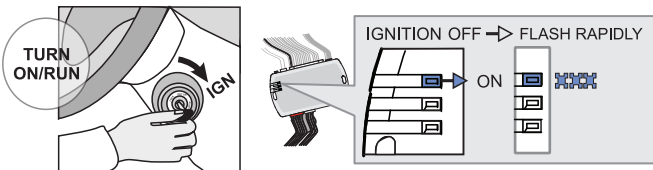


3



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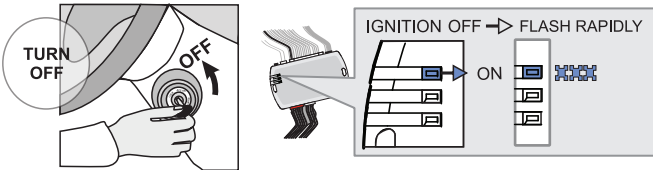
4



Turn the key to the Ignition ON/RUN position.

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Turn the key to the OFF position.

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6

With OEM remote



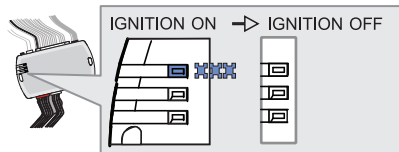
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REMOTE STARTER FUNCTIONALITY



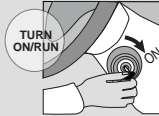
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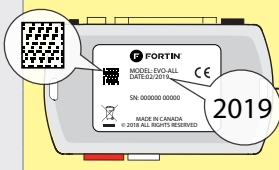


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| JEEP | | | | | | | | | | | | | | |
| Commander | 2011 | • | • | • | • | • | • | • | • | • | • | • | • | • |



COMPATIBLE MODULE REQUIRED:


QR CODE ON THE LABEL
MANUFACTURED AFTER: **2019**

FIRMWARE VERSION

59.[01]

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Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

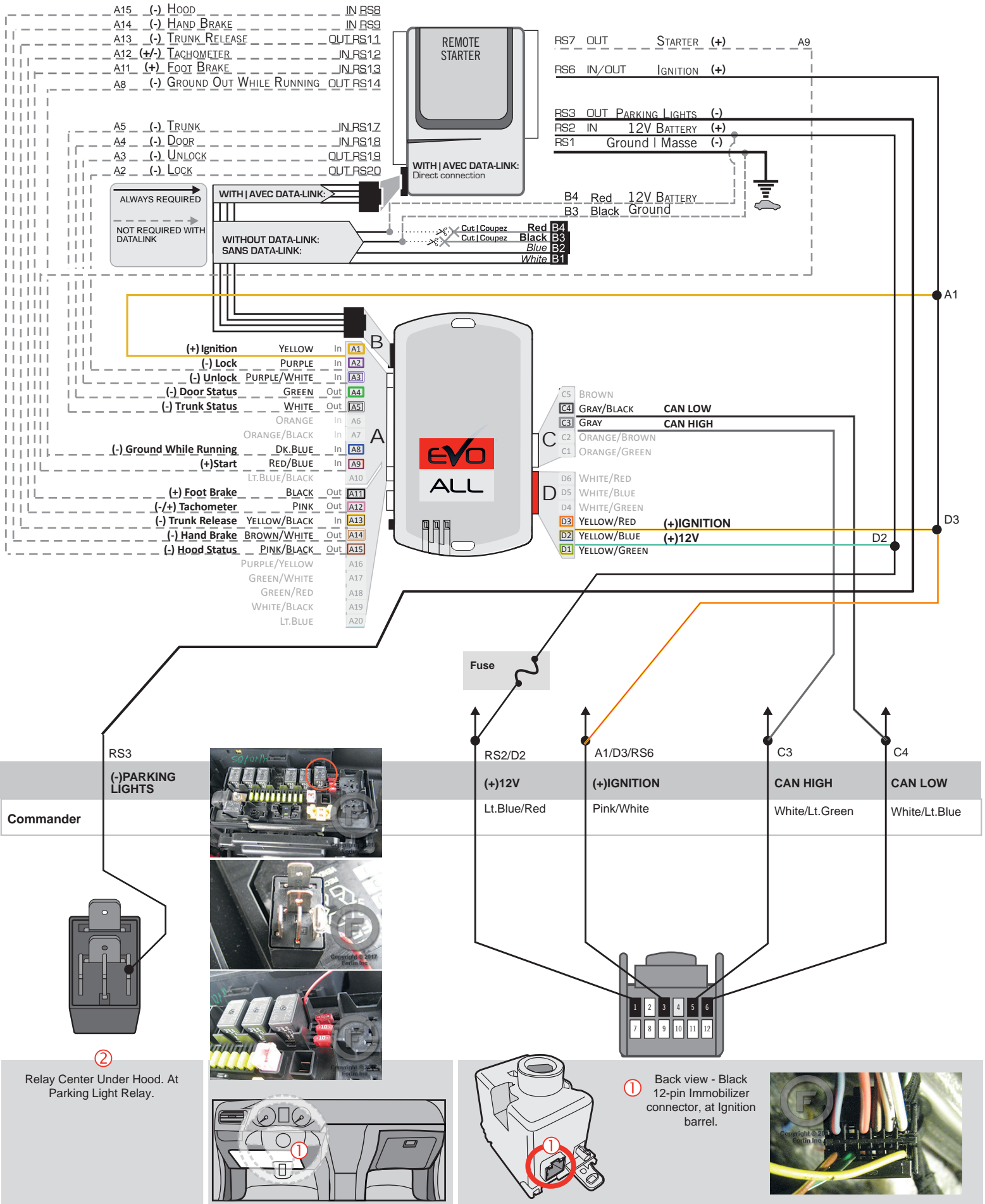
WIRE TO WIRE Connection Diagram

page 3

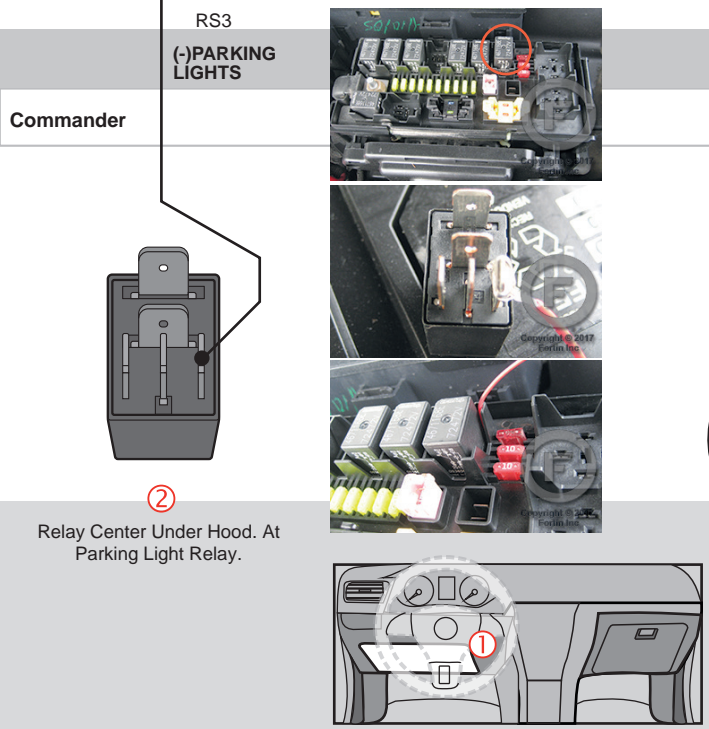
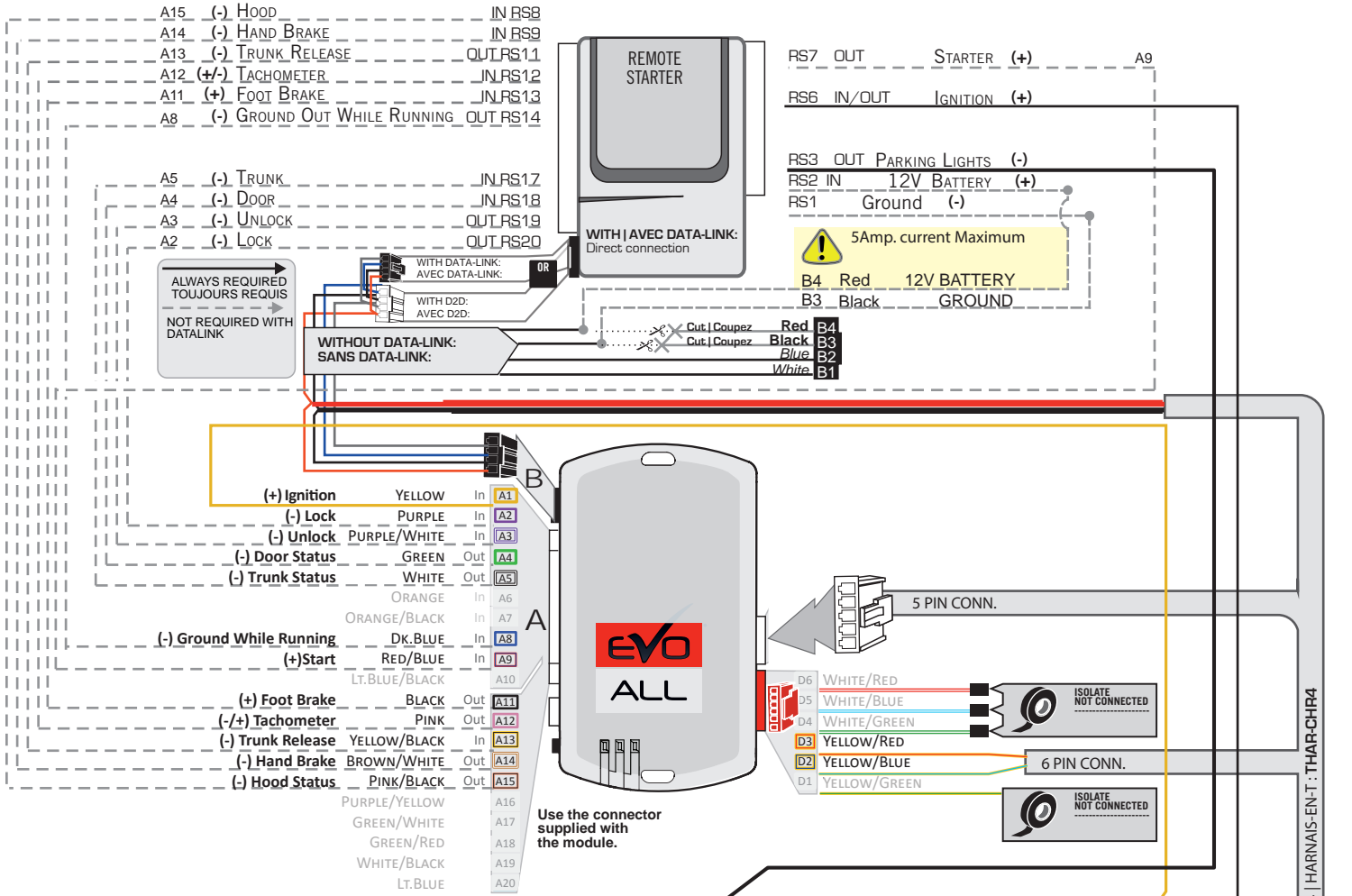
THAR-CHR4 - THarness Diagram

page 4

WIRING CONNECTION



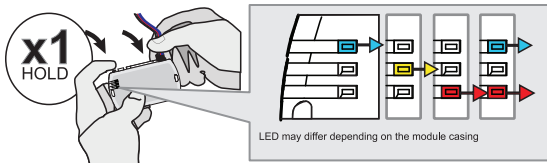
THAR-CHR4 - WIRING CONNECTION



T-HARNES: THAR-CHR4 | HARNAS-EN-T: THAR-CHR4

PROGRAMMING PROCEDURE

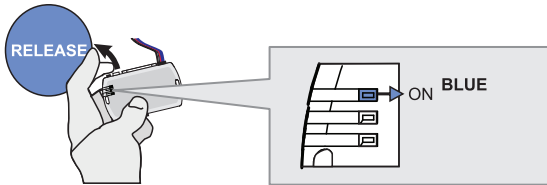
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Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

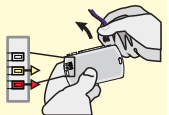
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

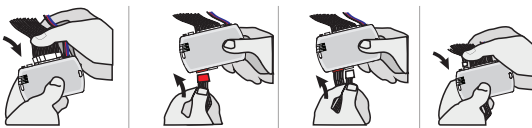


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

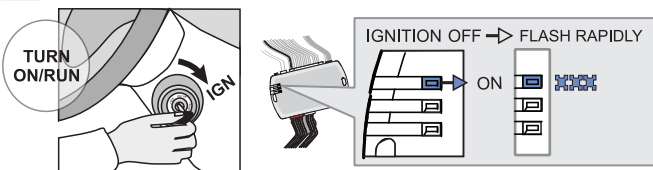


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Insert the required remaining connectors.

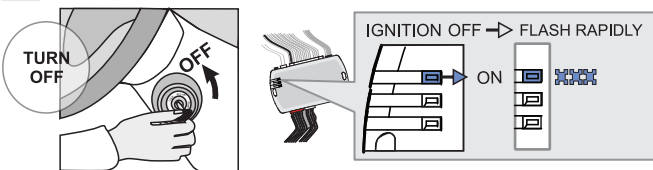
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



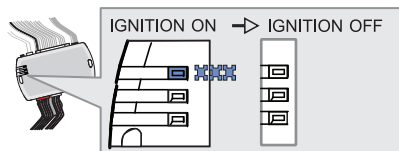
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



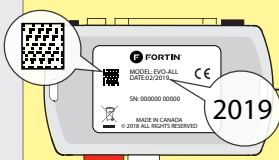
The vehicle can now be put in to gear and driven.

REGULAR & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

| VEHICLE | YEARS | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
|----------------|-----------|--------------------|------|--------|-----|--------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| JEEP | | | | | | | | | | | | | | |
| Commander | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grand Cherokee | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |



COMPATIBLE MODULE REQUIRED:


QR CODE ON THE LABEL
MANUFACTURED AFTER: **2019**

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | UNIT OPTION | DESCRIPTION |
|--|-------------|---|
|  <p>Program bypass option:</p> | C1 | OEM Remote status (Lock/Unlock) monitoring |
| <p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p> | A11 | OFF |
| <p>Program bypass option (if equipped with OEM alarm):</p> | D2 | Unlock before / Lock after (Disarm OEM alarm) |

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

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ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

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DIAGRAM

PAGE

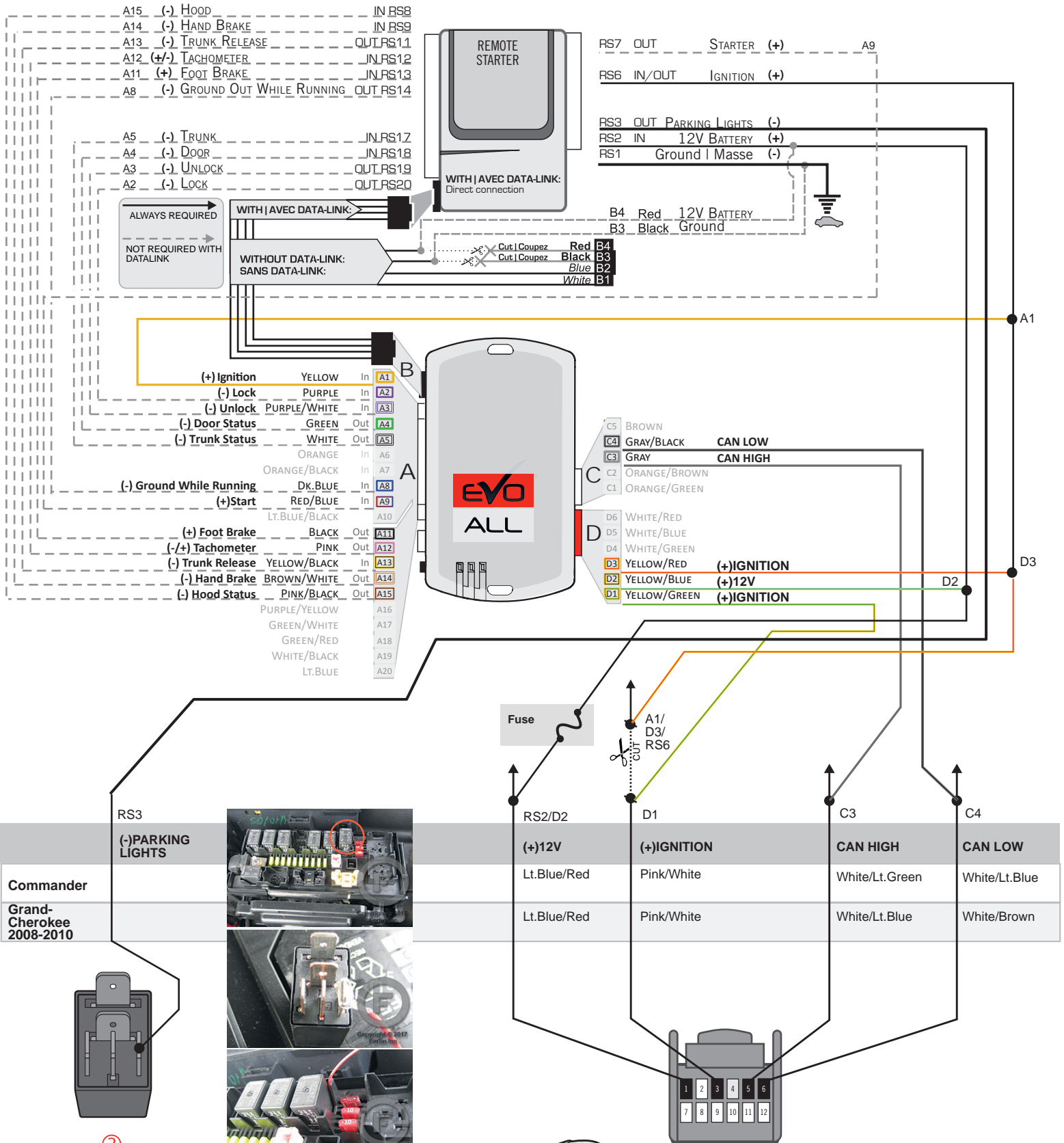
WIRE TO WIRE Connection Diagram

page 3

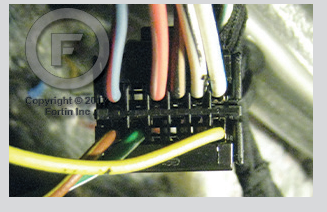
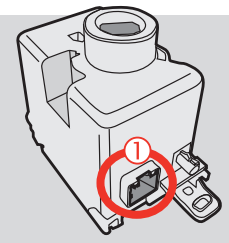
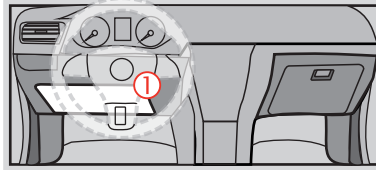
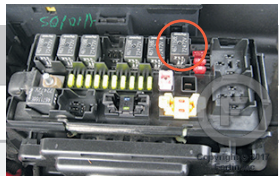
THAR-CHR4 - THarness Diagram

page 4

WIRING CONNECTION



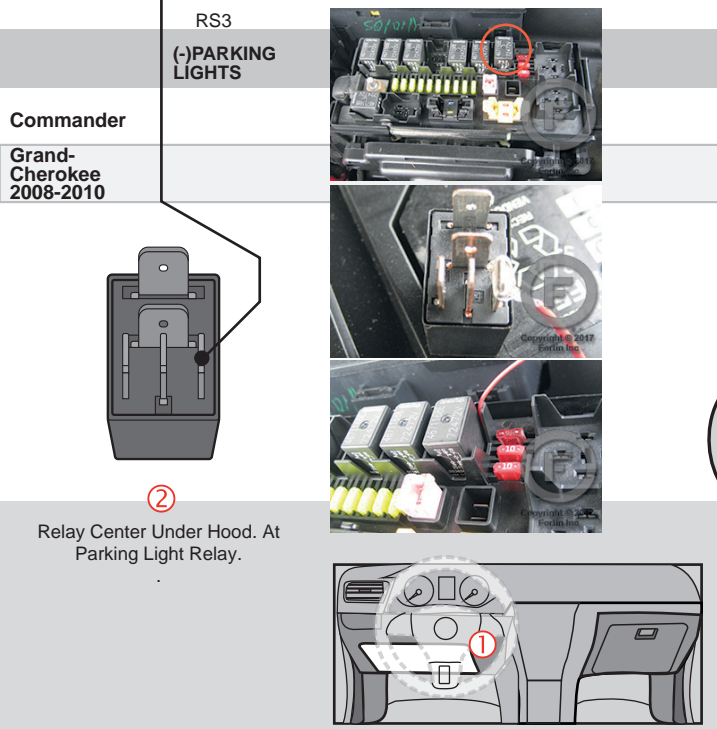
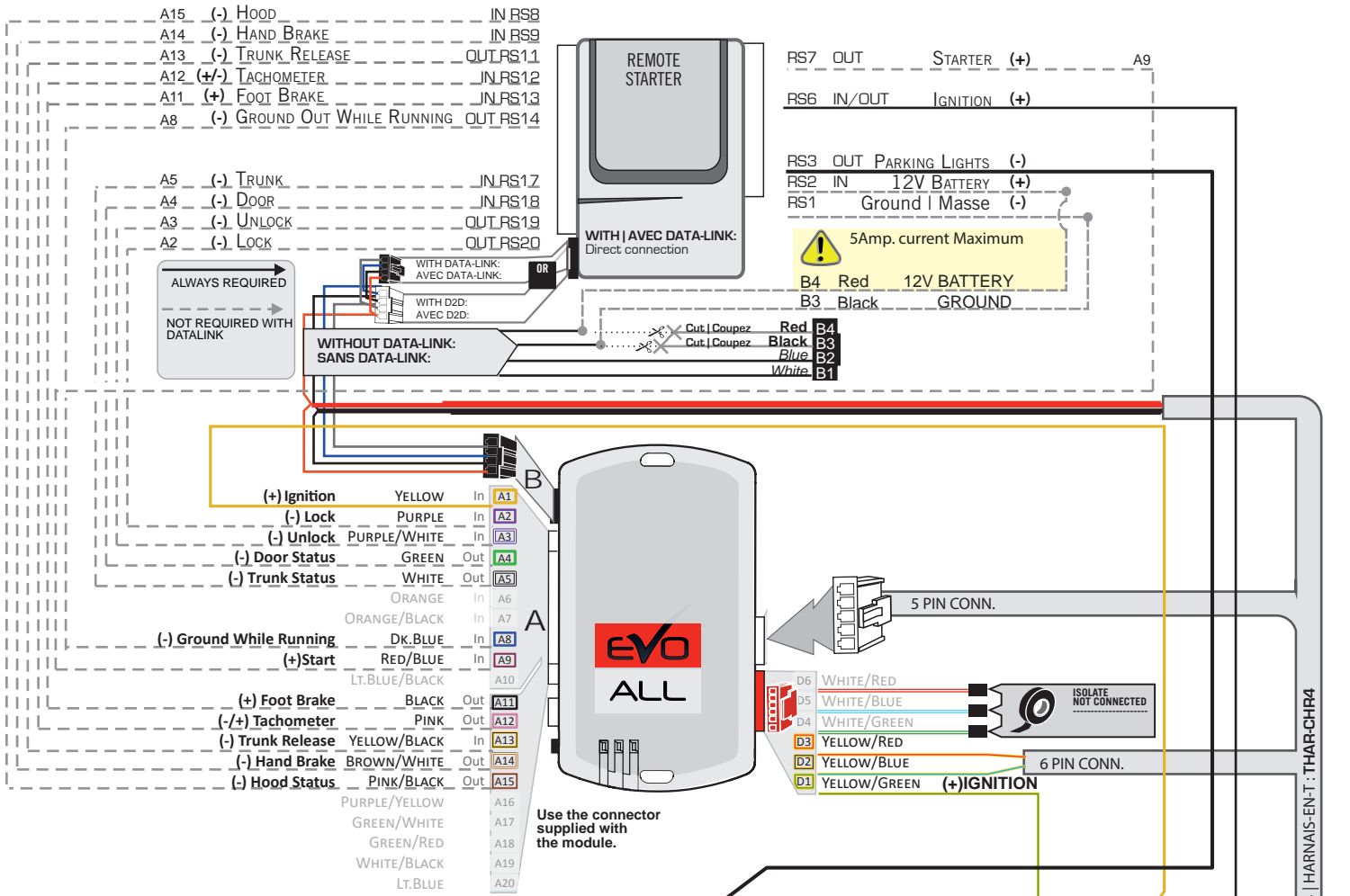
| Vehicle Model | RS3 (-)PARKING LIGHTS | RS2/D2 (+)12V | D1 (+)IGNITION | C3 CAN HIGH | C4 CAN LOW |
|--------------------------|-----------------------|---------------|----------------|---------------|------------|
| Commander | Lt.Blue/Red | Pink/White | White/Lt.Green | White/Lt.Blue | |
| Grand-Cherokee 2008-2010 | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown | |



② Relay Center Under Hood. At Parking Light Relay.

① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.

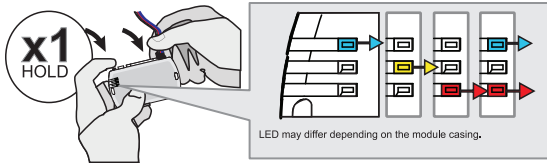
THAR-CHR4 - WIRING CONNECTION



T-HARNES: THAR-CHR4 | HARNAS-EN-T: THAR-CHR4

PROGRAMMING PROCEDURE

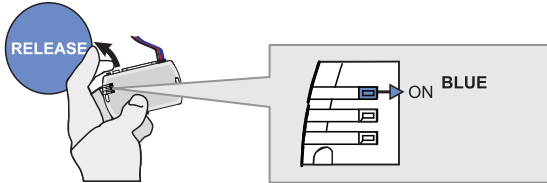
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Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

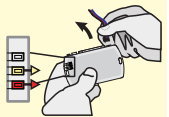
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

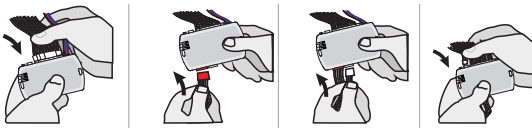


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

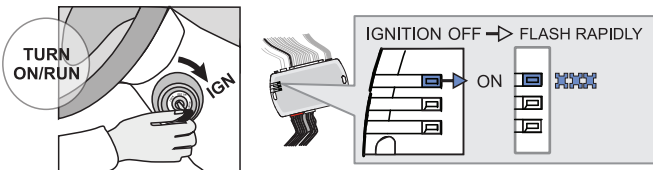


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Insert the required remaining connectors.

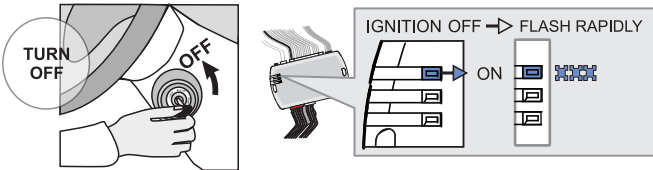
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



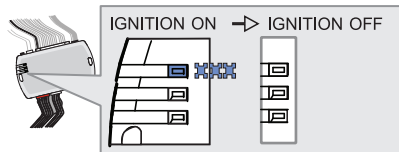
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



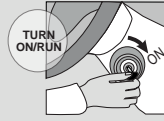
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

Vehicle functions supported in this diagram (functional if equipped)

| VEHICLE | YEARS | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
|----------------|--------------------------------|--------------------|------|--------|-----|--------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| DODGE | | | | | | | | | | | | | | |
| Durango | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| JEEP | | | | | | | | | | | | | | |
| Grand Cherokee | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | <i>Push-to-Start</i> 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | |
| CV | Gas 2011-2015 | • | • | • | • | • | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | PROGRAM BYPASS OPTION | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | Program bypass option: | C1 | OEM Remote status (Lock/Unlock) monitoring |
| | IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | A11 | OFF |
| | | | Hood trigger (Output Status). |
| | Program bypass option (If equipped with OEM alarm): | D2 | Unlock before / Lock after (Disarm OEM alarm) |


Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11 **OFF**

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

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DIAGRAM

PAGE

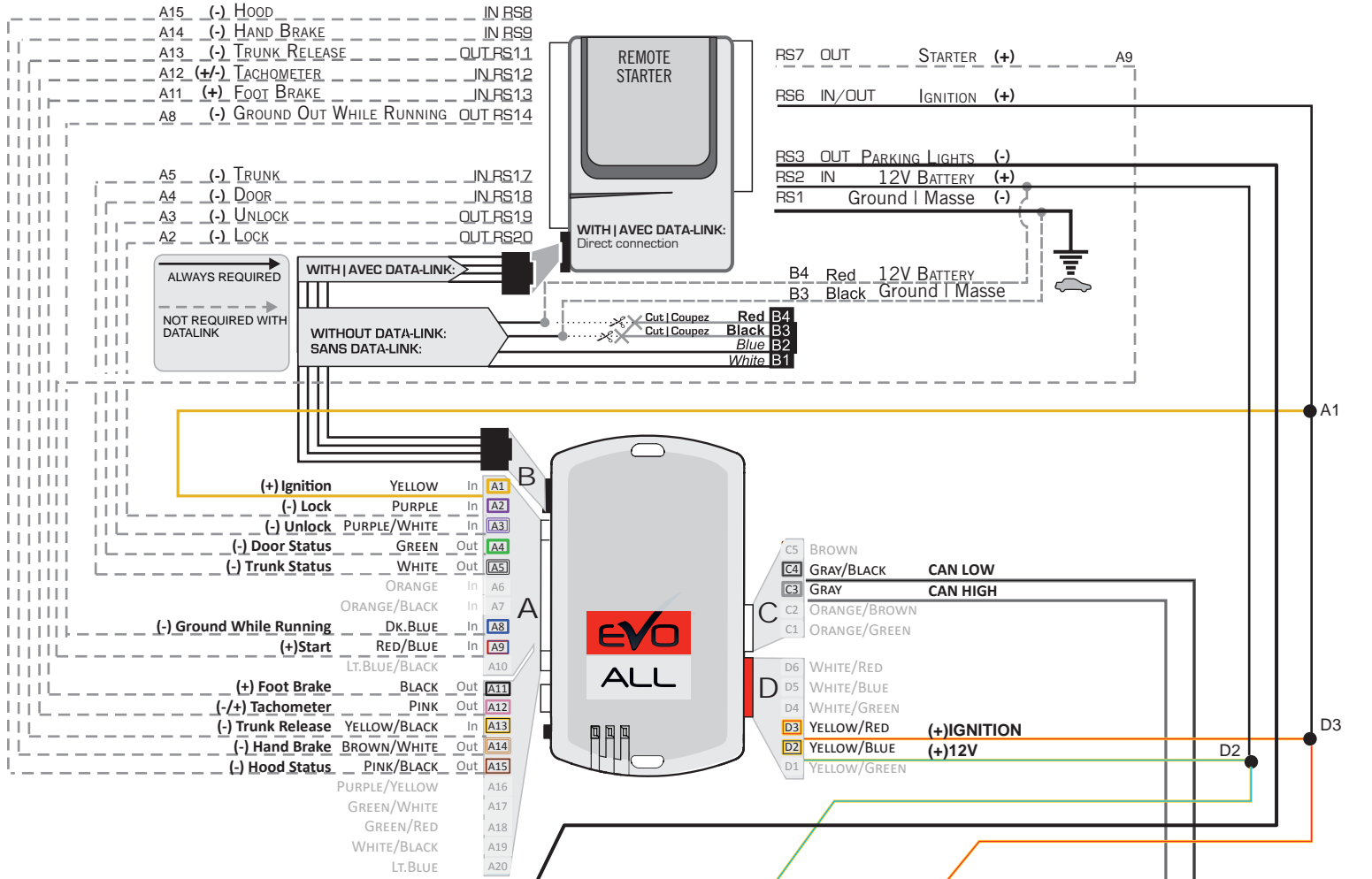
WIRE TO WIRE Connection Diagram

page 3

THAR-CHR4 - THarness Diagram

page 4

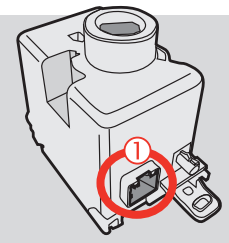
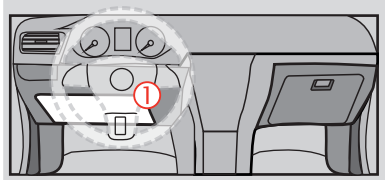
WIRING CONNECTION



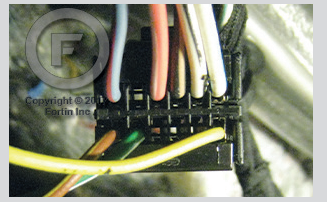
| | RS3 | RS2/D2 | A1/D3/RS6 | C3 | C4 |
|--------------------|---------------------|-------------|-------------|----------------|----------------|
| | (MUX)PARKING LIGHTS | (+)12V | (+)IGNITION | CAN HIGH | CAN LOW |
| RAM CV 2011-2015 | White/Green | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Lt. Blue |
| Durango | White/Green | Lt.Blue/Red | Pink/White | White/Lt.Green | White/Lt. Blue |
| Grand-Cherokee PTS | White/Green | Lt.Blue/Red | Pink/White | White/Black | White/Brown |
| Grand-Cherokee | White/Tan | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |



② Driver kick panel

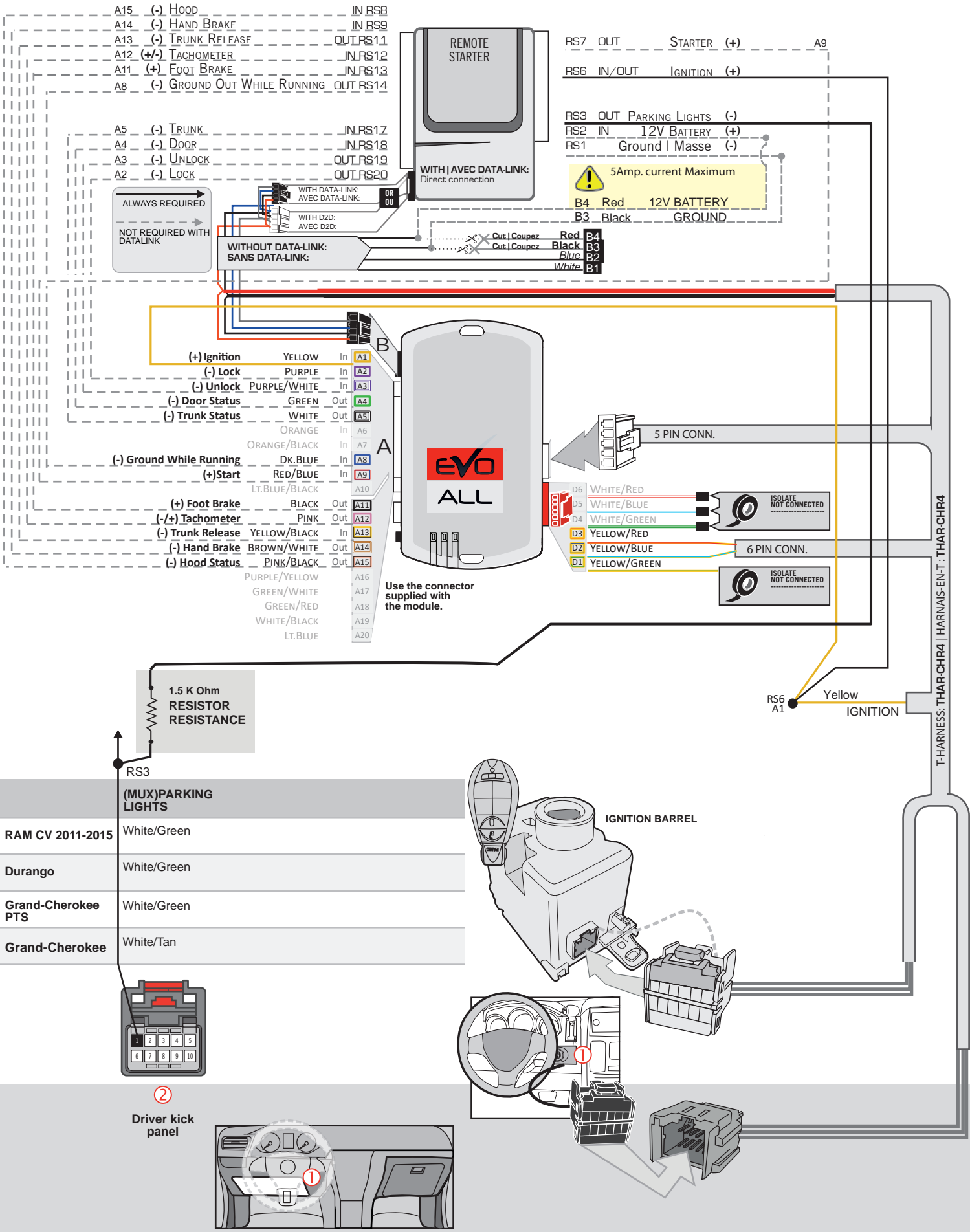


① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



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THAR-CHR4 - WIRING CONNECTION



- A15 (-) HOOD IN RS8
- A14 (-) HAND BRAKE IN RS9
- A13 (-) TRUNK RELEASE OUT RS11
- A12 (+/-) TACHOMETER IN RS12
- A11 (+) FOOT BRAKE IN RS13
- A8 (-) GROUND OUT WHILE RUNNING OUT RS14

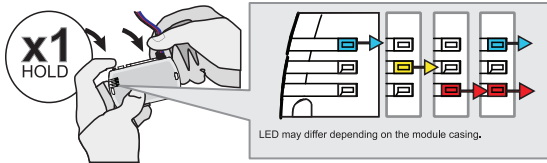
- A5 (-) TRUNK IN RS17
- A4 (-) DOOR IN RS18
- A3 (-) UNLOCK OUT RS19
- A2 (-) LOCK OUT RS20

- (+) Ignition YELLOW In A1
- (-) Lock PURPLE In A2
- (-) Unlock PURPLE/WHITE In A3
- (-) Door Status GREEN Out A4
- (-) Trunk Status WHITE Out A5
- ORANGE In A6
- ORANGE/BLACK In A7
- (-) Ground While Running DK.BLUE In A8
- (+) Start RED/BLUE In A9
- LT.BLUE/BLACK In A10
- (+) Foot Brake BLACK Out A11
- (-/+) Tachometer PINK Out A12
- (-) Trunk Release YELLOW/BLACK In A13
- (-) Hand Brake BROWN/WHITE Out A14
- (-) Hood Status PINK/BLACK Out A15
- A16 PURPLE/YELLOW
- A17 GREEN/WHITE
- A18 GREEN/RED
- A19 WHITE/BLACK
- A20 LT.BLUE

- D6 WHITE/RED
- D5 WHITE/BLUE
- D4 WHITE/GREEN
- D3 YELLOW/RED
- D2 YELLOW/BLUE
- D1 YELLOW/GREEN

PROGRAMMING PROCEDURE

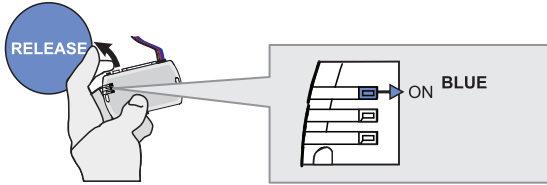
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

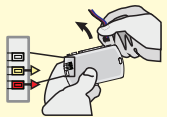
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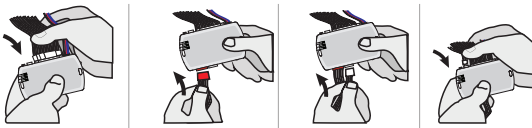


Release the programming button when the LED is BLUE.

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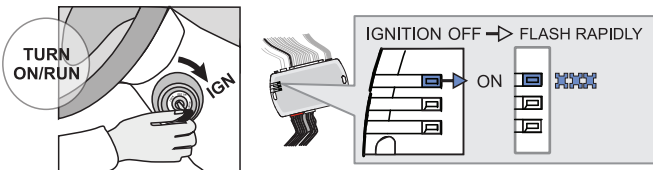


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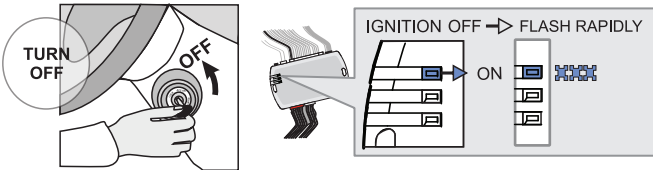
4



Turn the key to the Ignition ON/RUN position.

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5



Turn the key to the OFF position.

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6

With OEM remote



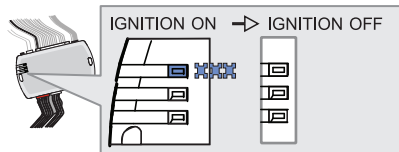
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REMOTE STARTER FUNCTIONALITY



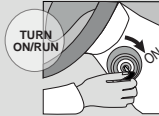
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Press the brake pedal.



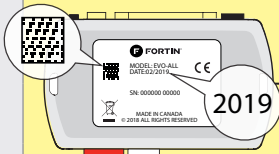
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REGULAR & THAR-CHR4 INSTALLATION & THAR-CHR4

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|--------------|-----------|--------------------|------|--------|-----|--------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| DODGE | | | | | | | | | | | | | | |
| Journey | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |



COMPATIBLE MODULE REQUIRED:


QR CODE ON THE LABEL
MANUFACTURED AFTER: **2019**

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | UNIT OPTION | DESCRIPTION | |
|--|-------------|--|-------------------------------|
|  <p>Program bypass option:</p> | C1 | OEM Remote status (Lock/Unlock) monitoring | |
| <p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p> | A11 | <div style="background-color: red; color: white; padding: 5px; display: inline-block;">OFF</div> | Hood trigger (Output Status). |
| <p>Program bypass option (if equipped with OEM alarm):</p> | D2 | Unlock before / Lock after (Disarm OEM alarm) | |

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

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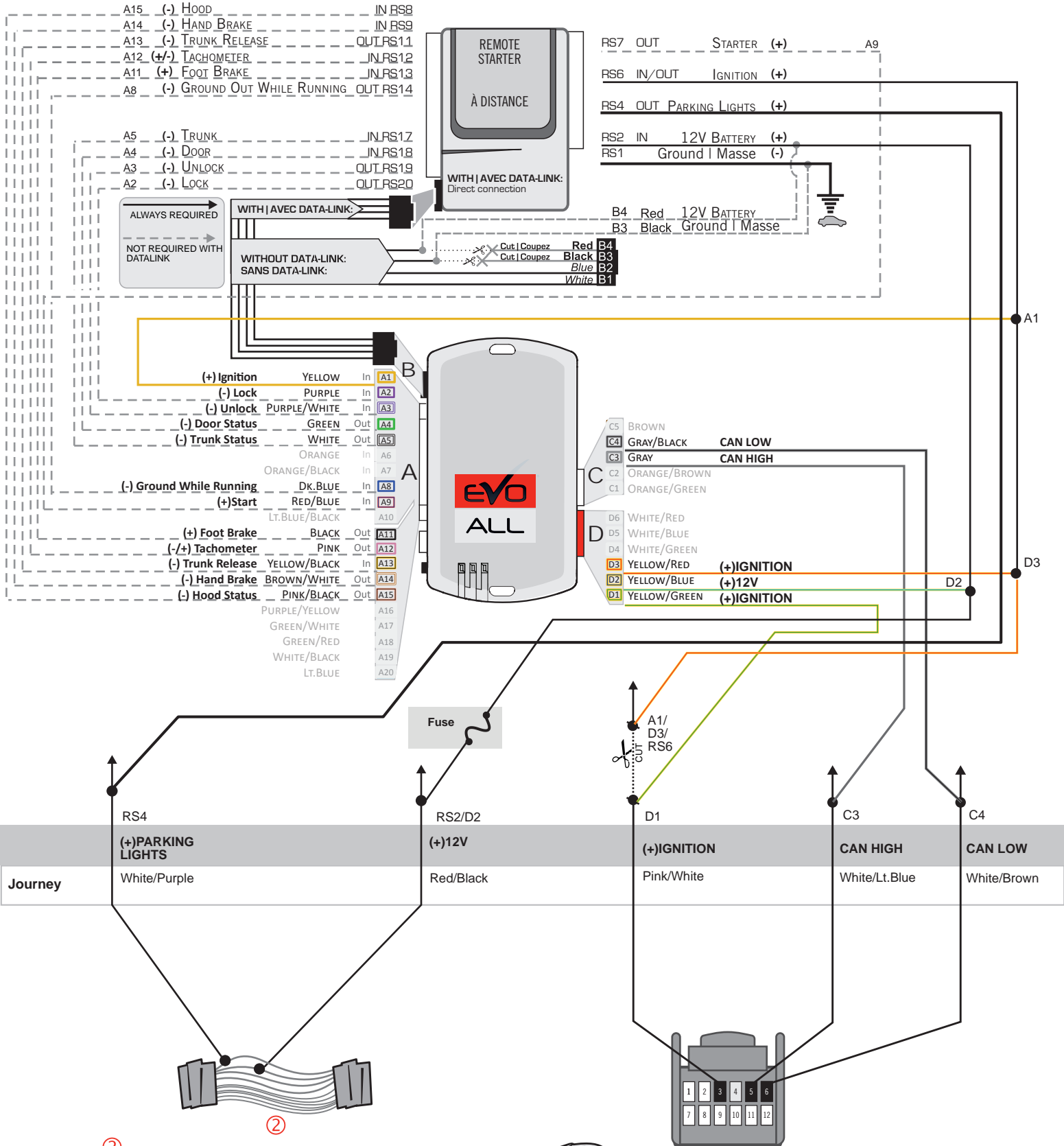
WIRE TO WIRE Connection Diagram

page 3

THAR-CHR4 - THarness Diagram

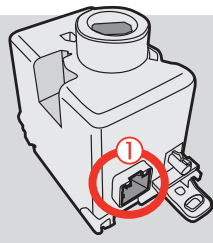
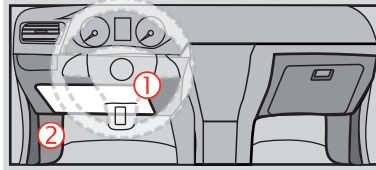
page 4

WIRING CONNECTION

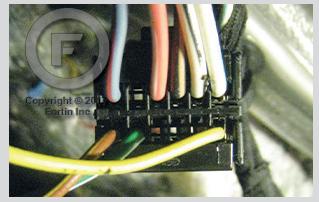


②

Driver kick panel.

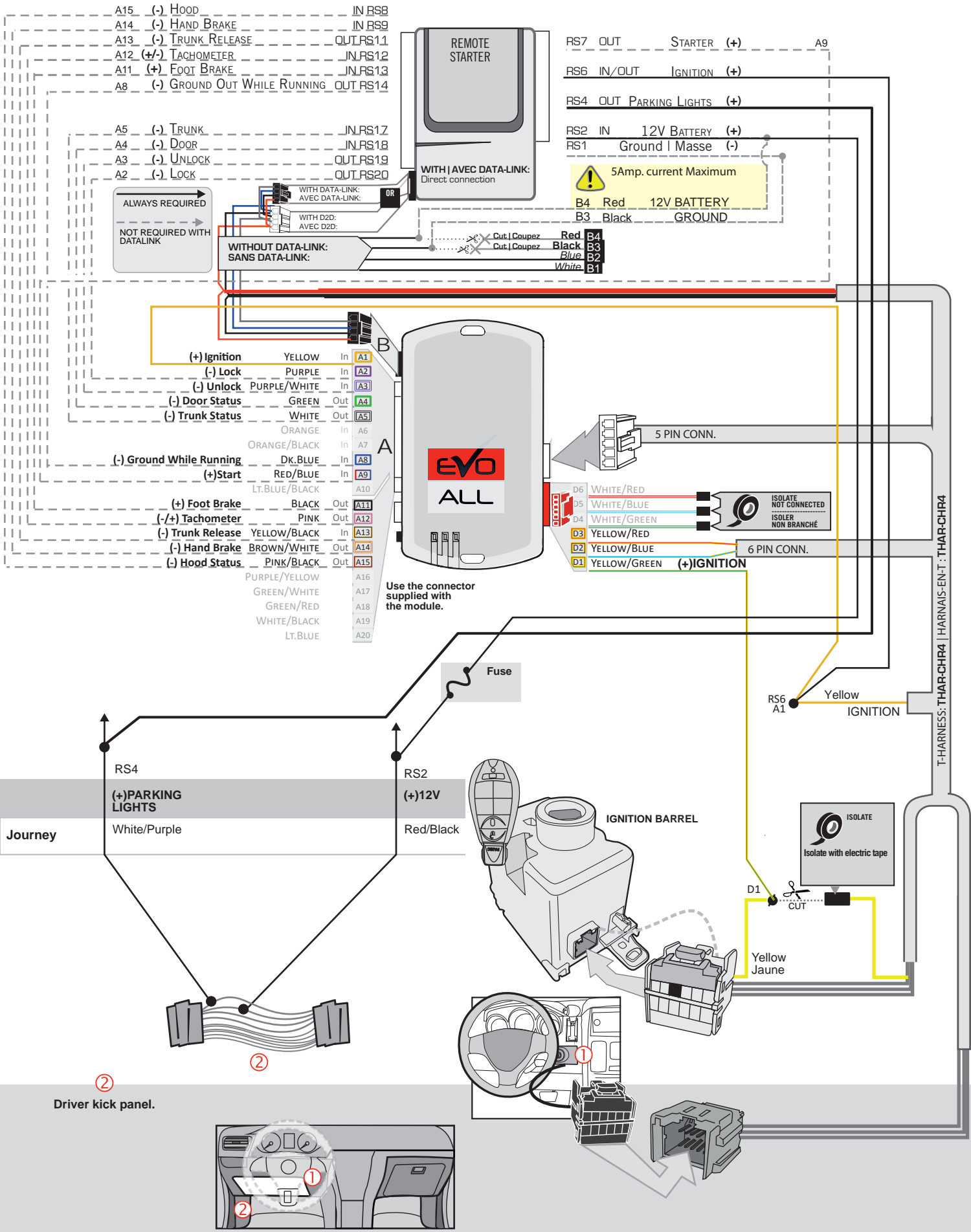


① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



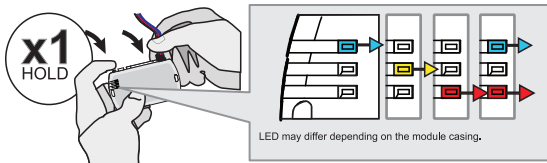
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THAR-CHR4 - WIRING CONNECTION



PROGRAMMING PROCEDURE

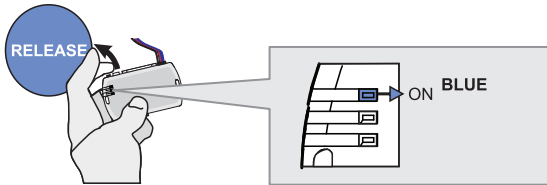
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

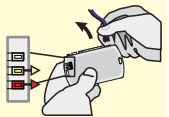
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

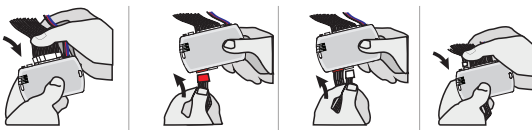


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1

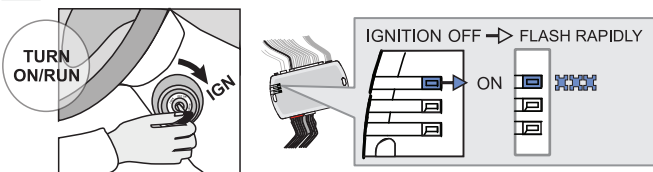


3



Insert the required remainin connectors.

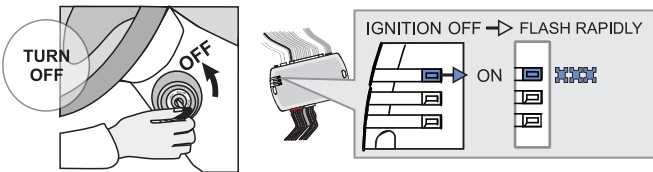
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



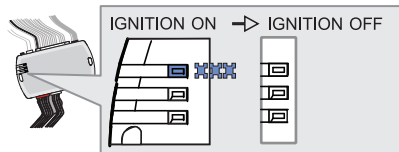
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION - TRANSMISSION AUTOMATIQUE



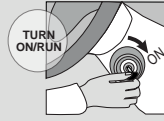
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

REGULAR & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-----------------|-----------|--|------|--------|-----|--------|--------------|--------------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| CHRYSLER | | | | | | | | | | | | | | | |
| Town & Country | 2011-2016 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Grand Caravan | 2011-2020 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | PROGRAM BYPASS OPTION | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | Program bypass option: | C1 | OEM Remote status (Lock/Unlock) monitoring |
| | IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | A11 | OFF |
| | Program bypass option (If equipped with OEM alarm): | D2 | Unlock before / Lock after (Disarm OEM alarm) |
| | Program bypass option (Vehicle diesel only): | D1.3 | Diesel mode (Vehicle diesel only) |


Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL
***HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11 **OFF**

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

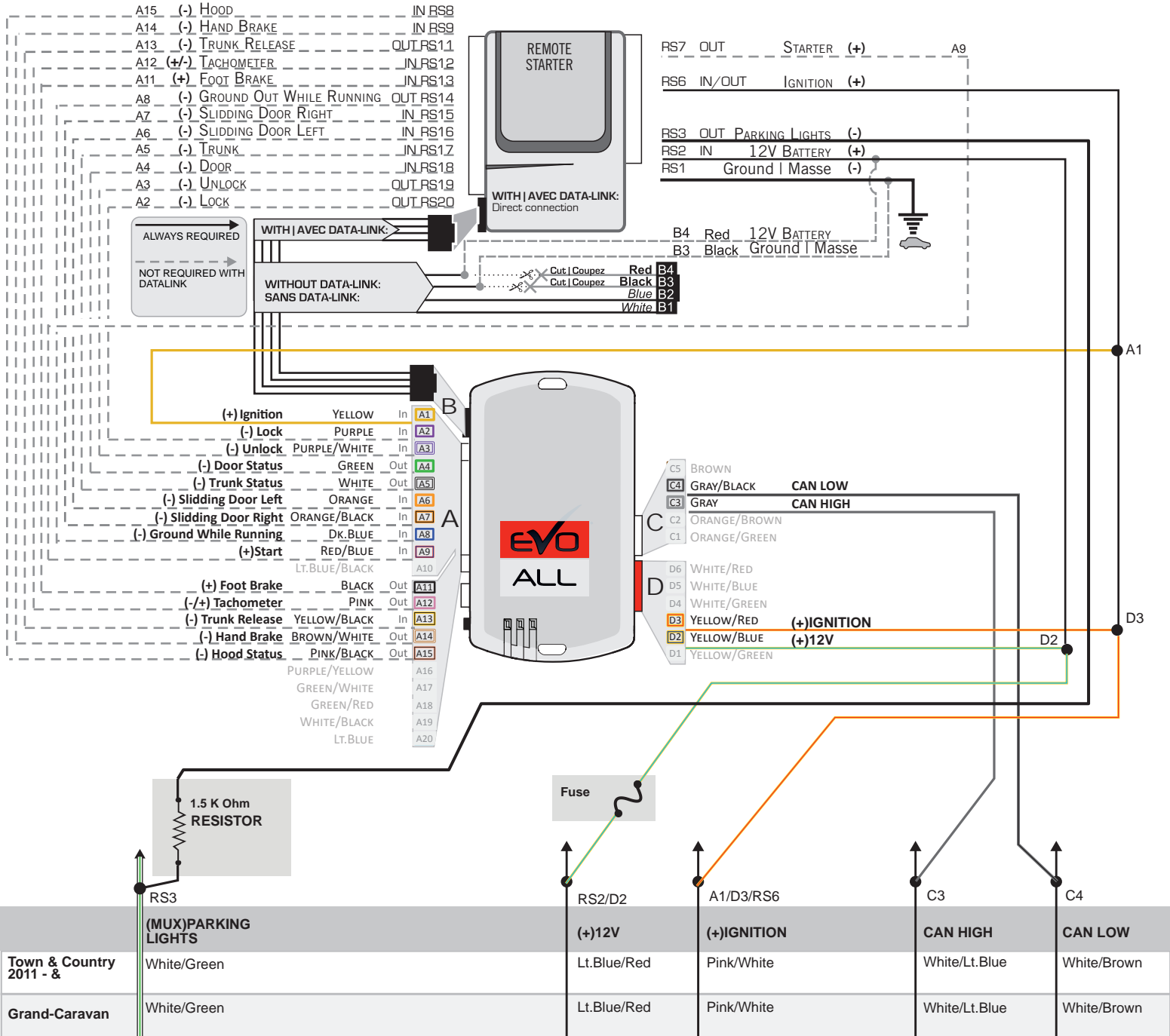
WIRE TO WIRE Connection Diagram

page 3

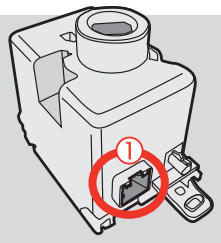
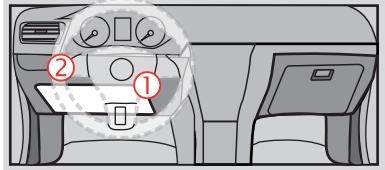
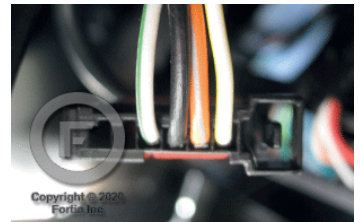
THAR-CHR4 - THarness Diagram

page 4

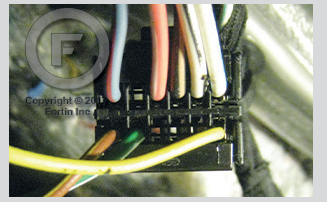
WIRING CONNECTION



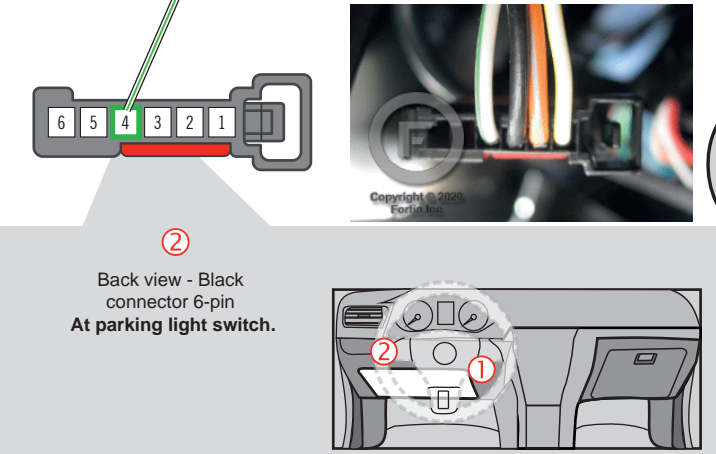
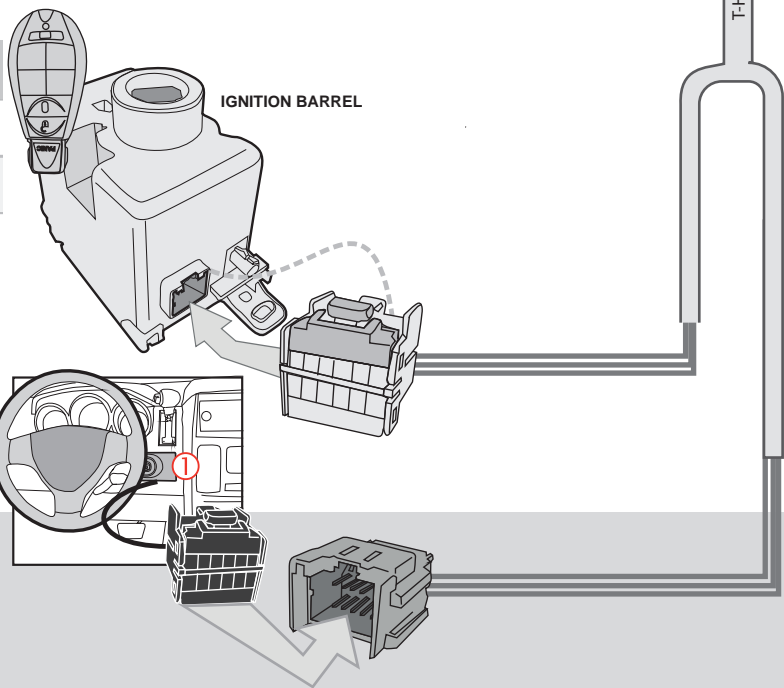
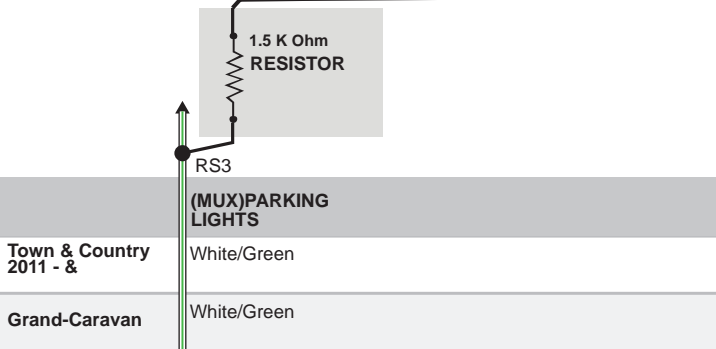
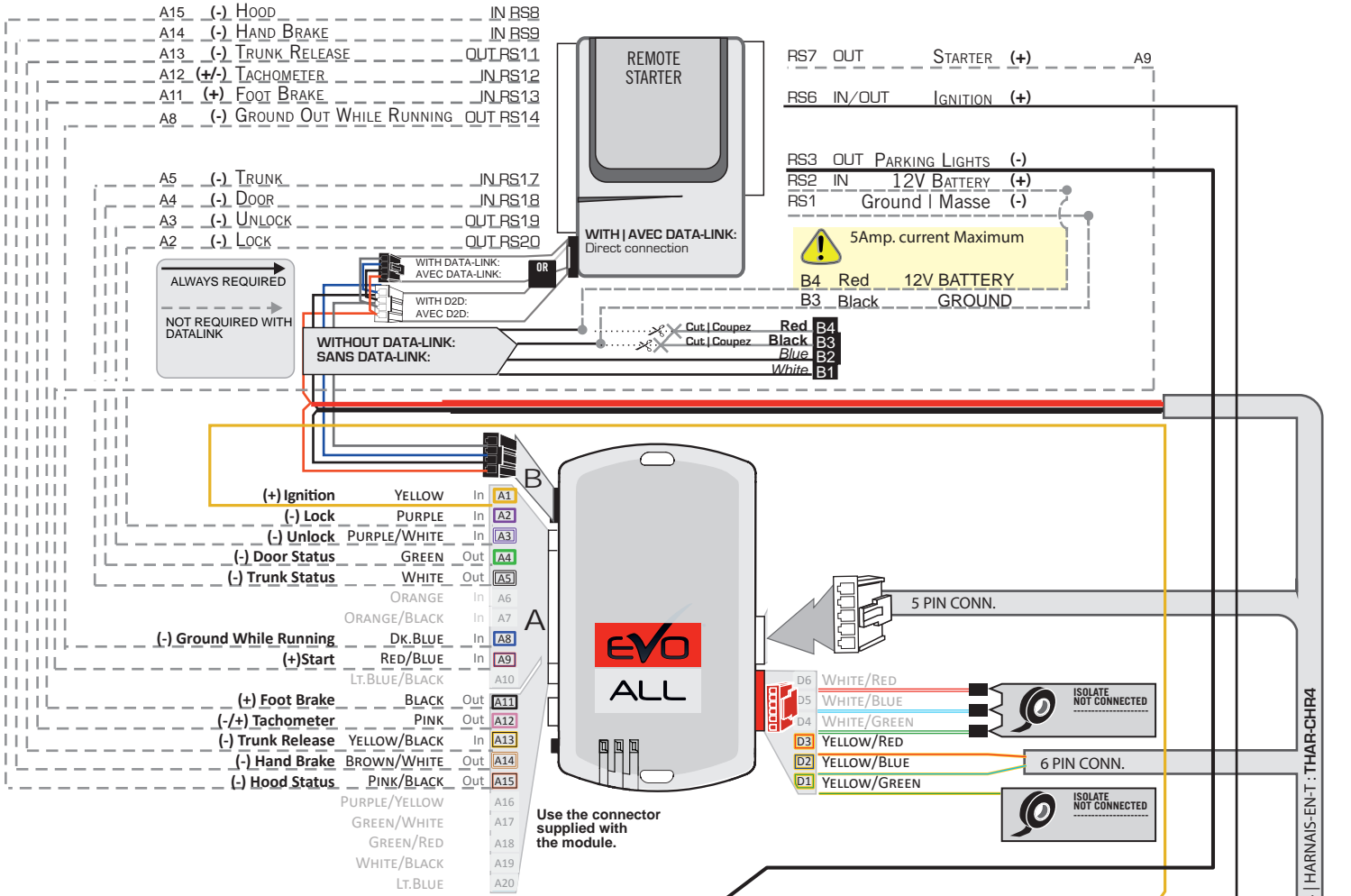
② Back view - Black connector 6-pin At parking light switch.



① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



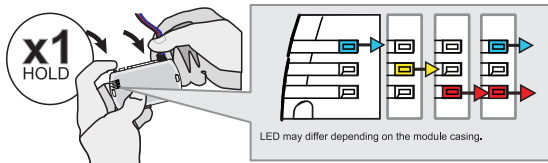
THAR-CHR4 - WIRING CONNECTION



T-HARNES: THAR-CHR4 | HARNAS-EN-T: THAR-CHR4

PROGRAMMING PROCEDURE

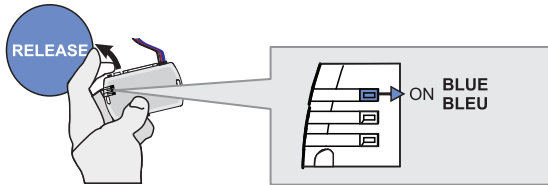
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

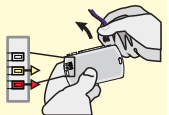
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

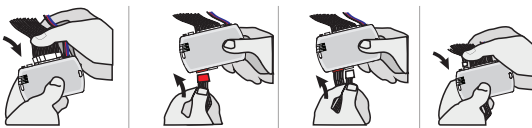


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

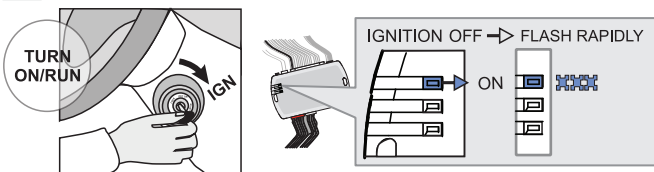


3



Insert the required remaining connectors.

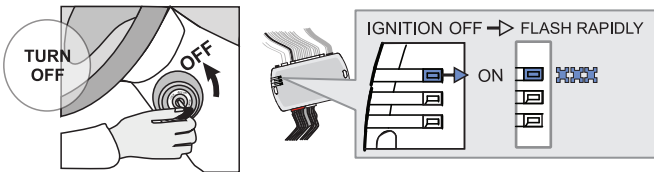
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

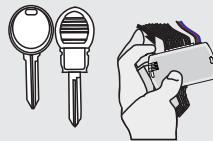
With OEM remote



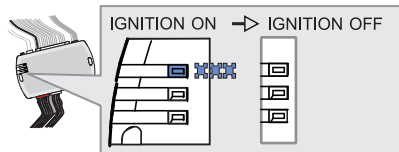
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

STAND ALONE & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-----------------|------------------|--|------|--------|-----|--------|--------------|--------------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| CHRYSLER | | | | | | | | | | | | | | | |
| 300-300C | 2008-2010 | • | • | • | • | • | | • | • | • | • | | • | • | • |
| Town & Country | 2008-2010 | • | • | • | • | • | | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Challenger | 2008-2010 | • | • | • | • | • | | • | | • | • | • | • | • | • |
| RAM | Gas 2009-2010 | • | • | • | • | • | | | | • | • | • | | • | • |
| | Diesel 2009-2010 | • | • | • | • | • | | | | • | • | • | | • | • |
| RAM | | | | | | | | | | | | | | | |
| 1500/2500 | Diesel 2010 | • | • | • | • | • | • | | | • | • | • | | • | • |
| 3500/4500 | Gas 2010 | • | • | • | • | • | | | | • | • | • | | • | • |
| 5500 | | | | | | | | | | | | | | | |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| Program bypass option: | UNIT OPTION | | DESCRIPTION |
|---|-------------|------------|---|
| | | C1 | |
| IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | A11 | OFF | Hood trigger (Output Status). |
| Program bypass option (If equipped with OEM alarm): | D2 | | Unlock before / Lock after (Disarm OEM alarm) |
| Program bypass option (Vehicle diesel only): | D1.3 | | Diesel mode (Vehicle diesel only) |



Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

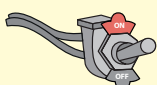
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

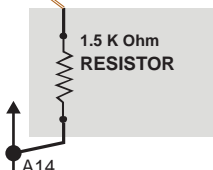
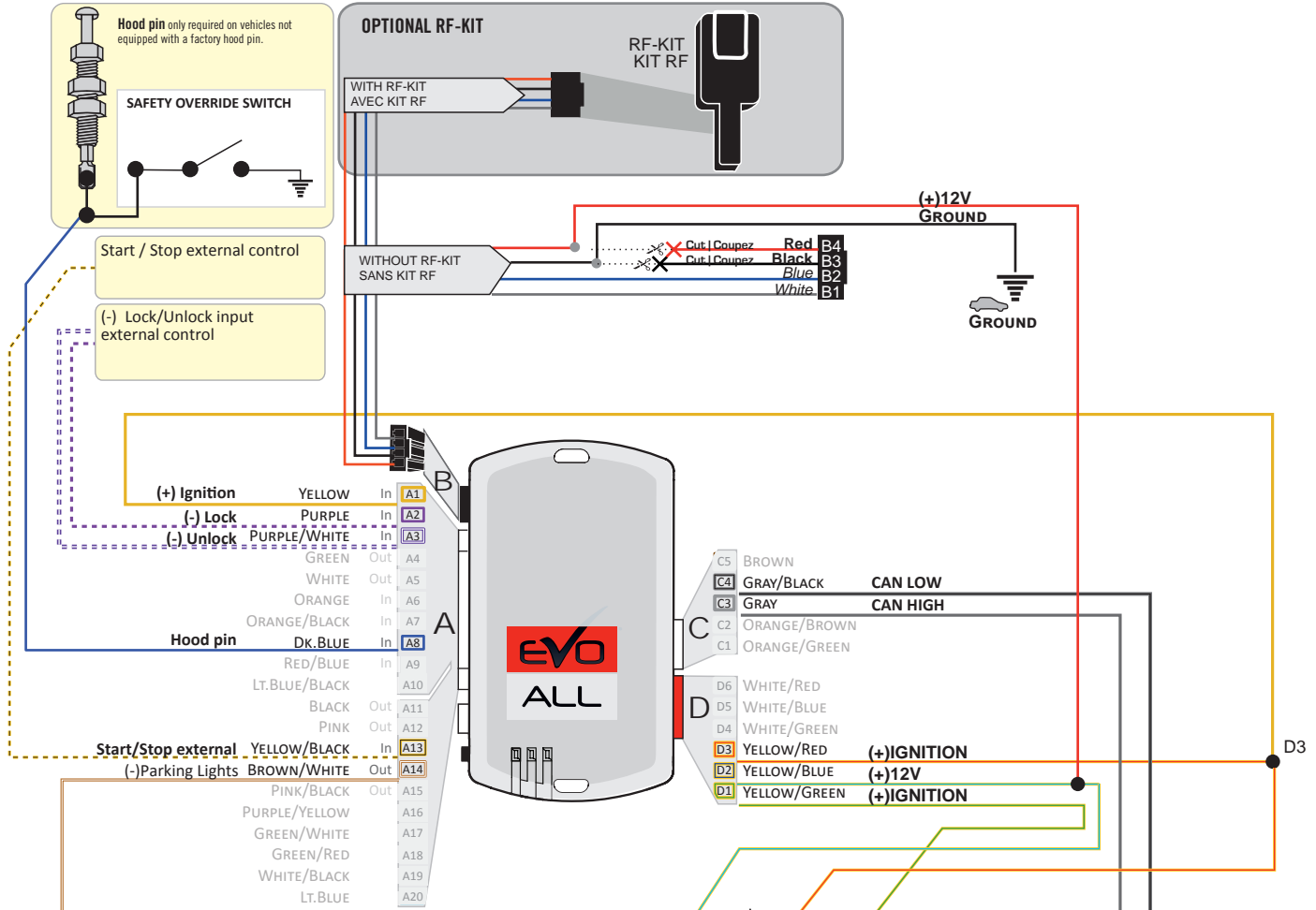
WARNING | ATTENTION



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

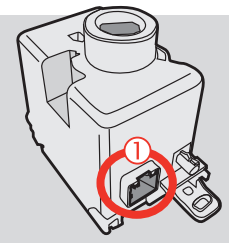
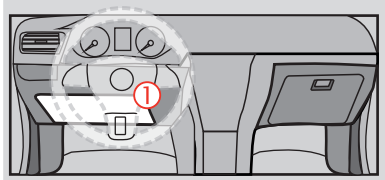
AUTOMATIC TRANSMISSION WIRING CONNECTION



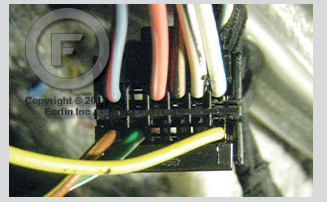
| | A14 | D2 | D1 | C3 | C4 |
|--------------------------|---------------------|-------------|-------------|----------------|---------------|
| | (MUX)PARKING LIGHTS | (+)12V | (+)IGNITION | CAN HIGH | CAN LOW |
| 300 2008-2010 | White/Brown | Lt.Blue/Red | Pink/White | White/Black | White/Lt.Blue |
| Challenger 2008-2010 | White/Brown | Lt.Blue/Red | Pink/White | White/Black | White/Lt.Blue |
| RAM 2009-2010 | White | Lt.Blue/Red | Pink/White | White/Lt.Green | White/Lt.Blue |
| Town & Country 2008-2010 | White/Brown | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |



② Driver kick panel

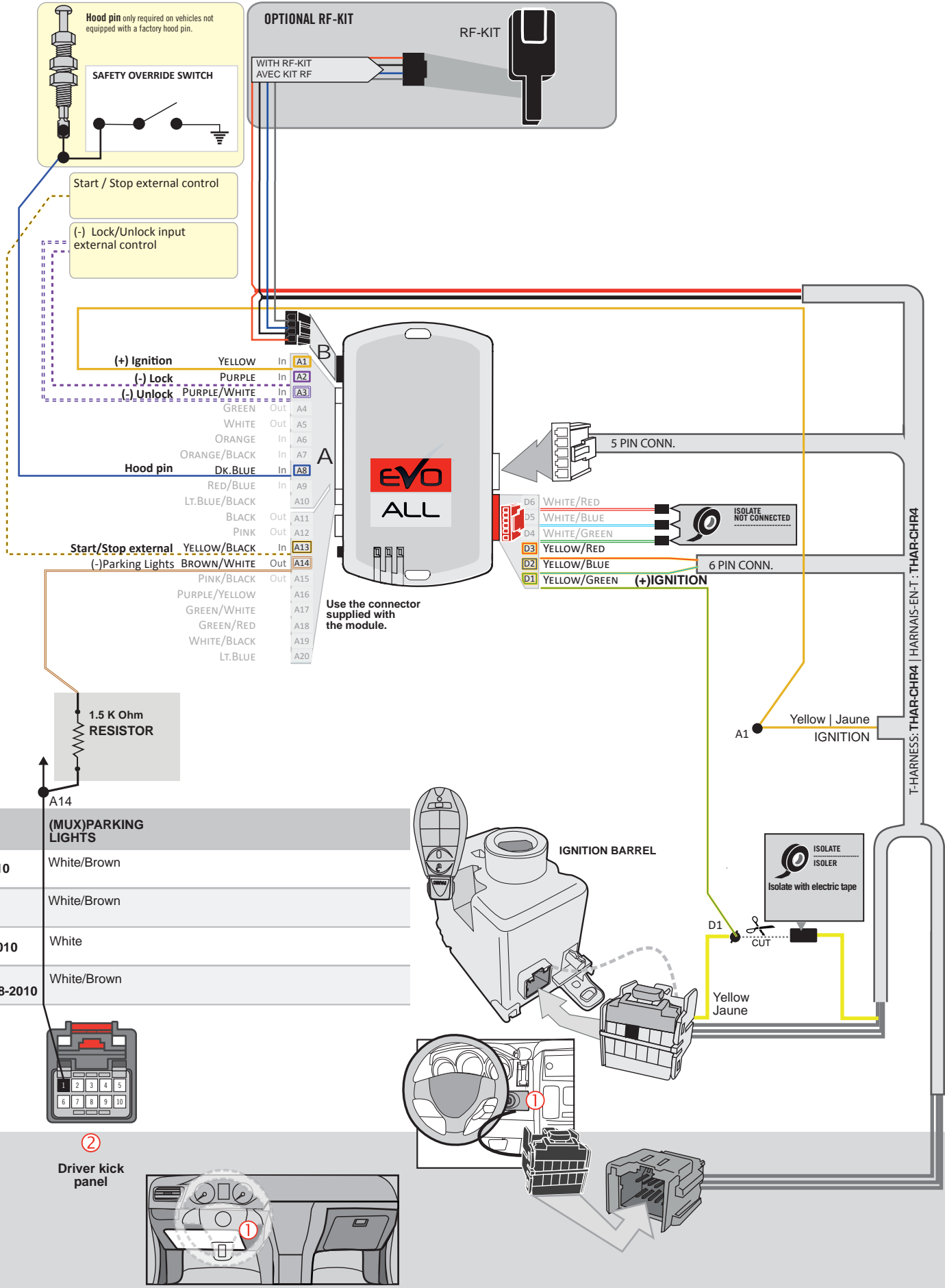


① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



Copyright © 2011 Fortin Inc.

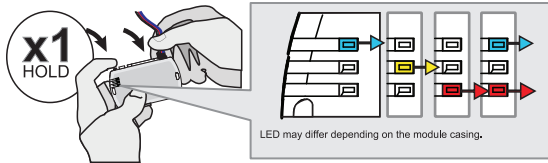
THAR-CHR4 - AUTOMATIC TRANSMISSION WIRING CONNECTION



| | (MUX) PARKING LIGHTS |
|--------------------------|----------------------|
| 300 2008-2010 | White/Brown |
| Challenger 2008-2010 | White/Brown |
| RAM 2009-2010 | White |
| Town & Country 2008-2010 | White/Brown |

PROGRAMMING PROCEDURE

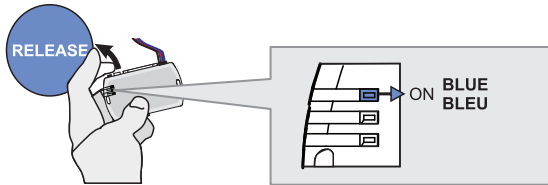
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

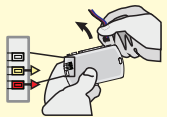
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

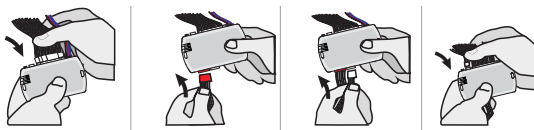


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

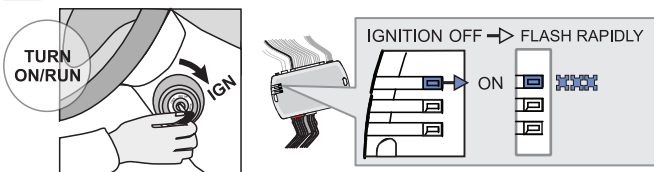


3



Insert the required remaining connectors.

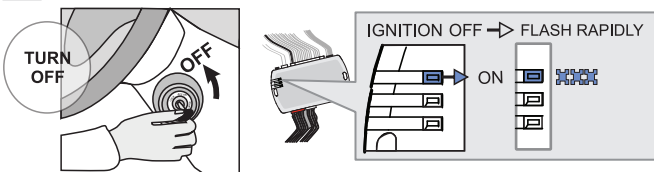
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



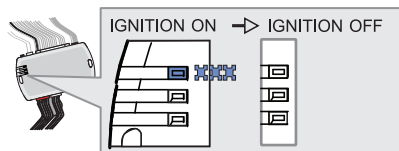
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

STAND ALONE & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|----------------|-----------|--|------|--------|-----|--------|--------------|--------------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| Charger | | | | | | | | | | | | | | | |
| Grand Caravan | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Magnum | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 2008 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| CV | | | | | | | | | | | | | | | |
| | Gas 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Routan | | | | | | | | | | | | | | | |
| | 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|--|-------------|---|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |
| | IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | A11 | OFF |
| | Program bypass option (If equipped with OEM alarm): | D2 | Unlock before / Lock after (Disarm OEM alarm) |



Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER, FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
1x Microsoft Windows Computer with Internet connection

OR

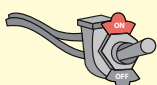
1x **FLASH LINK MOBILE, FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package RSPB, Sold separately.

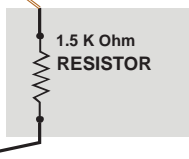
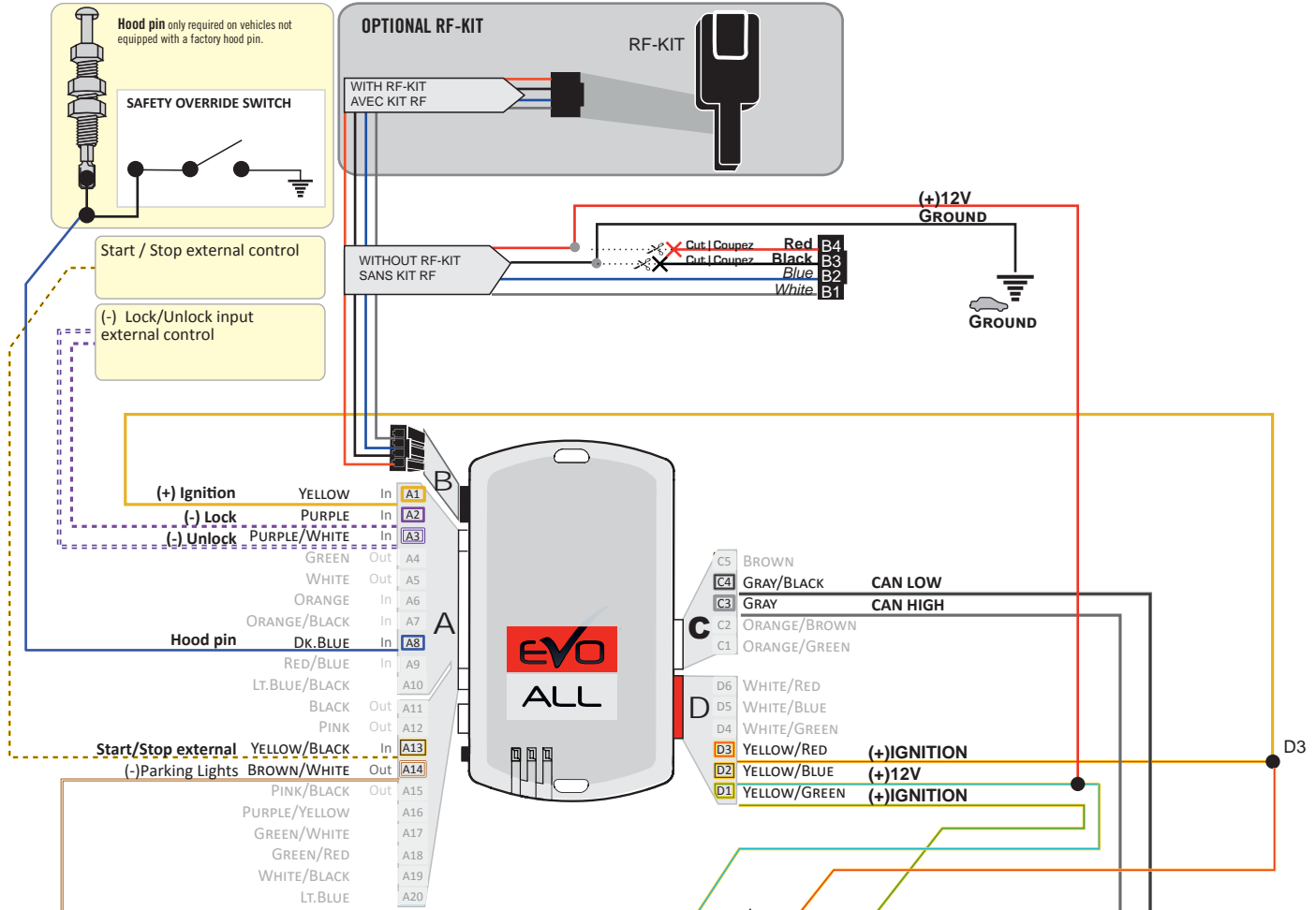
WARNING | ATTENTION



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

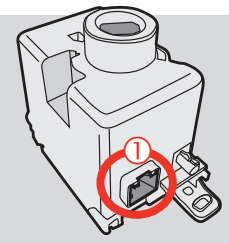
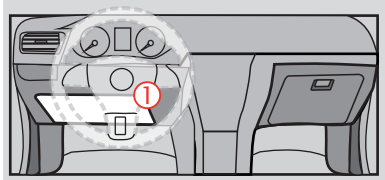
AUTOMATIC TRANSMISSION WIRING CONNECTION



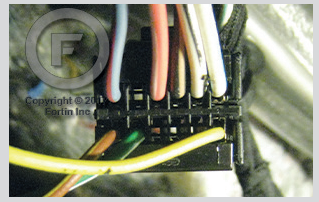
| | A14 | D2 | D1 | C3 | C4 |
|----------------------------------|----------------------|-------------|-------------|---------------|---------------|
| | (MUX) PARKING LIGHTS | (+)12V | (+)IGNITION | CAN HIGH | CAN LOW |
| Routan 2009-2010 RAM CV 2010 | White/Brown | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |
| Grand-Caravan 2008-2010 | White/Green | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |
| Magnum 2008 Charger 2008-2010 | White/Brown | Lt.Blue/Red | Pink/White | White/Black | White/Lt.Blue |



② Driver kick panel

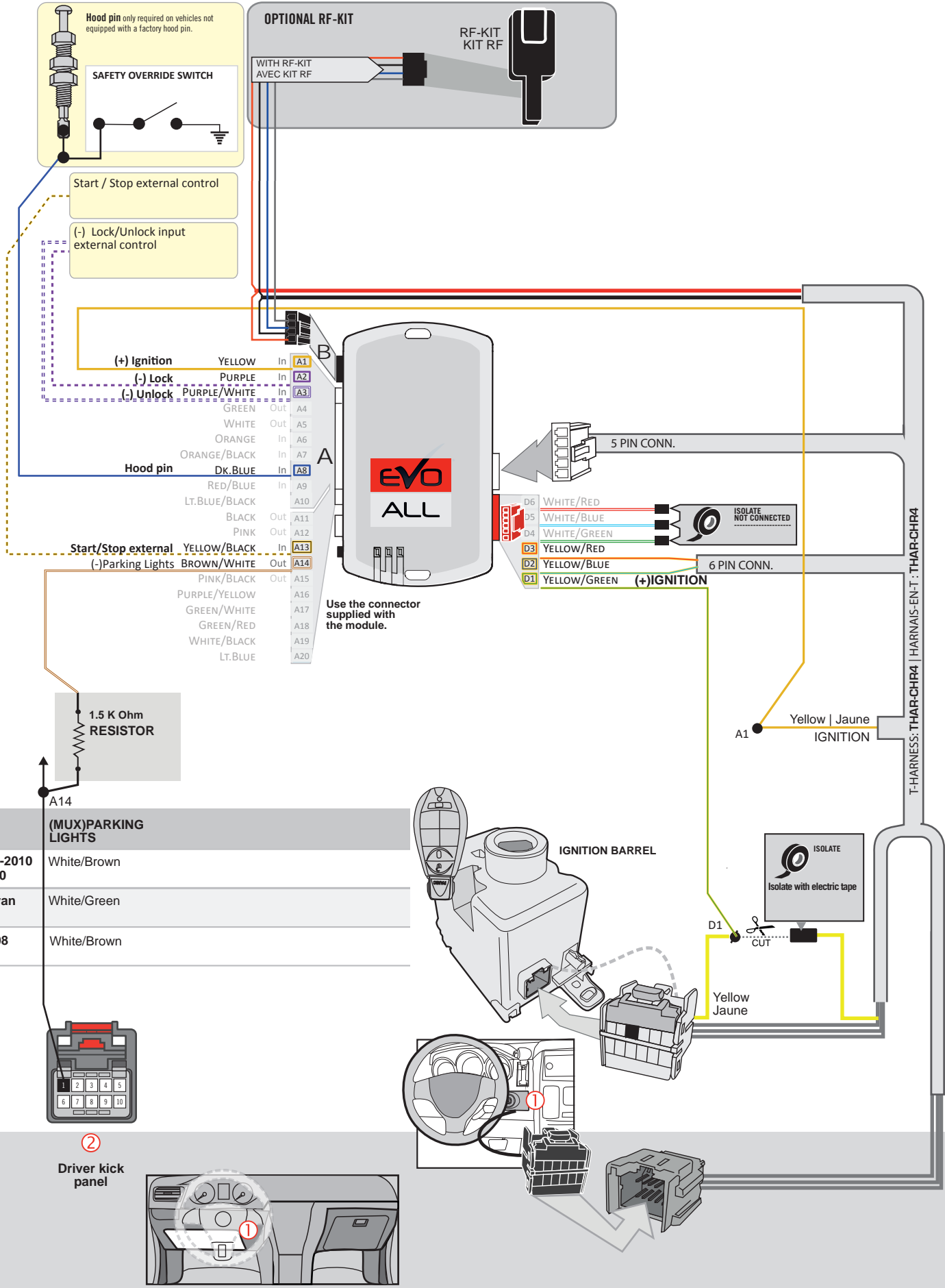


① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



Copyright © 2011 Fortin Inc.

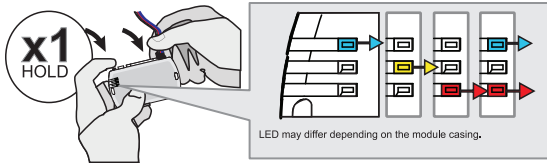
THAR-CHR4 - AUTOMATIC TRANSMISSION WIRING CONNECTION



| | (MUX) PARKING LIGHTS |
|---------------------------------|----------------------|
| Routan 2009-2010 RAM CV 2010 | White/Brown |
| Grand-Caravan 2008-2010 | White/Green |
| Magnum 2008 | White/Brown |

PROGRAMMING PROCEDURE

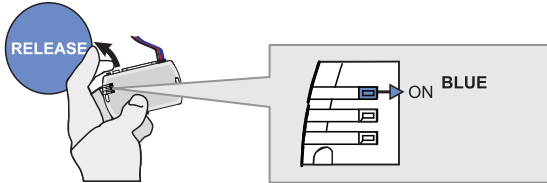
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

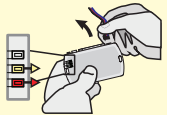
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

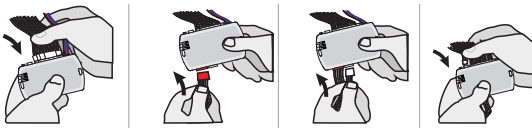


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

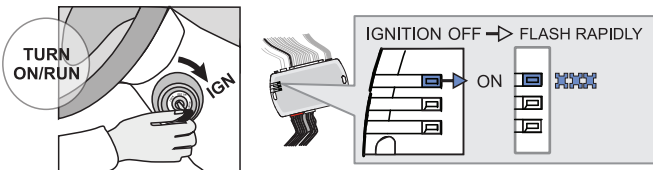


3



Insert the required remaining connectors.

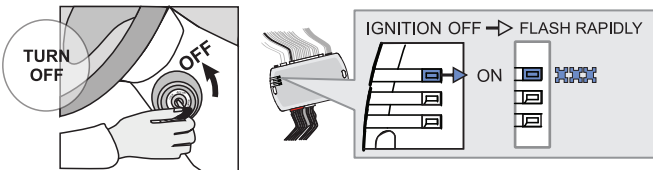
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



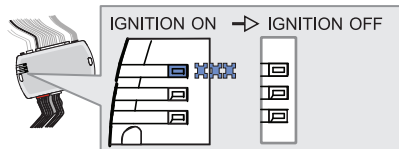
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

STAND ALONE & THAR-CHR4 INSTALLATION

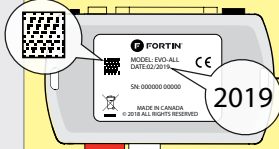
ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

| VEHICLE | YEARS | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
|--------------------------|-------|--------------------|------|--------|-----|--------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| JEEP Commander | 2011 | • | • | • | • | • | • | • | • | • | • | • | • | • |



COMPATIBLE MODULE REQUIRED:


QR CODE ON THE LABEL MANUFACTURED AFTER: 2019

FIRMWARE VERSION

59.[01]


MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | UNIT OPTION | DESCRIPTION |
|--|-------------|---|
|  <p>Program bypass option:</p> | C1 | OEM Remote status (Lock/Unlock) monitoring |
| <p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p> | A11 | OFF |
| <p>Program bypass option (If equipped with OEM alarm):</p> | D2 | Unlock before / Lock after (Disarm OEM alarm) |

MANDATORY INSTALL

***HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

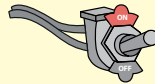
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH



VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|------------------------|---|
| | OEM Remote Stand Alone Remote Starter: | OR D1.10 | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE |
| | | D1.1 | |
| | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
| | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD

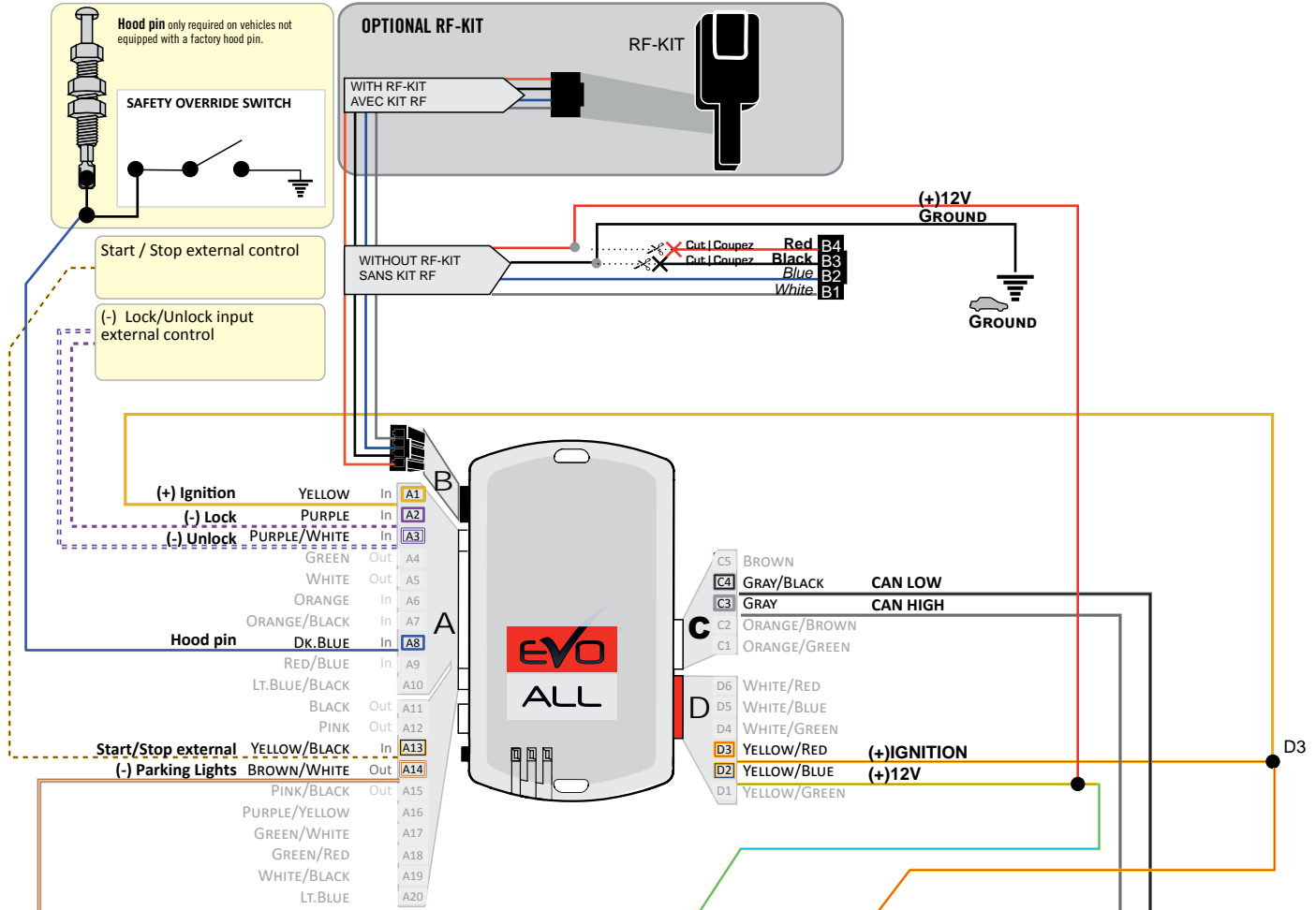
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING | ATTENTION

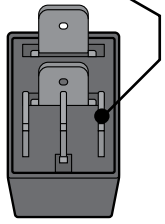
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION WIRING CONNECTION

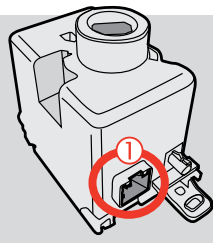
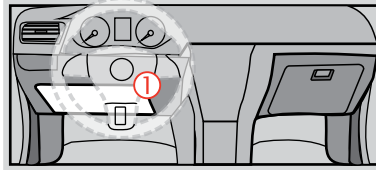


| | | | | | | | | | |
|-----------|--------------------|-------------|------------|----------------|---------------|----|----------|----|---------|
| A14 | (-) PARKING LIGHTS | D2 | (+)12V | A1/D3 | (+)IGNITION | C3 | CAN HIGH | C4 | CAN LOW |
| Commander | | Lt.Blue/Red | Pink/White | White/Lt.Green | White/Lt.Blue | | | | |



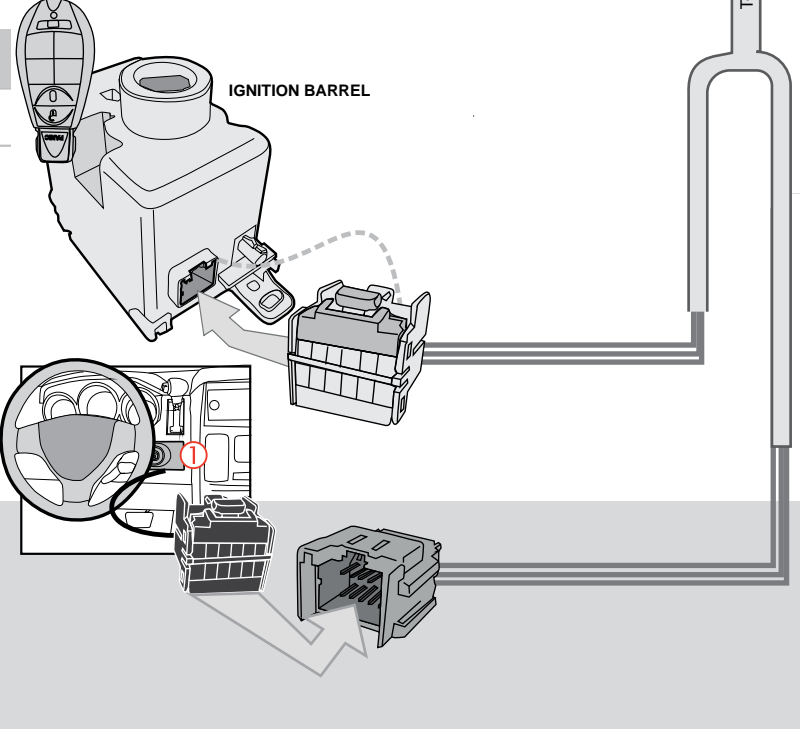
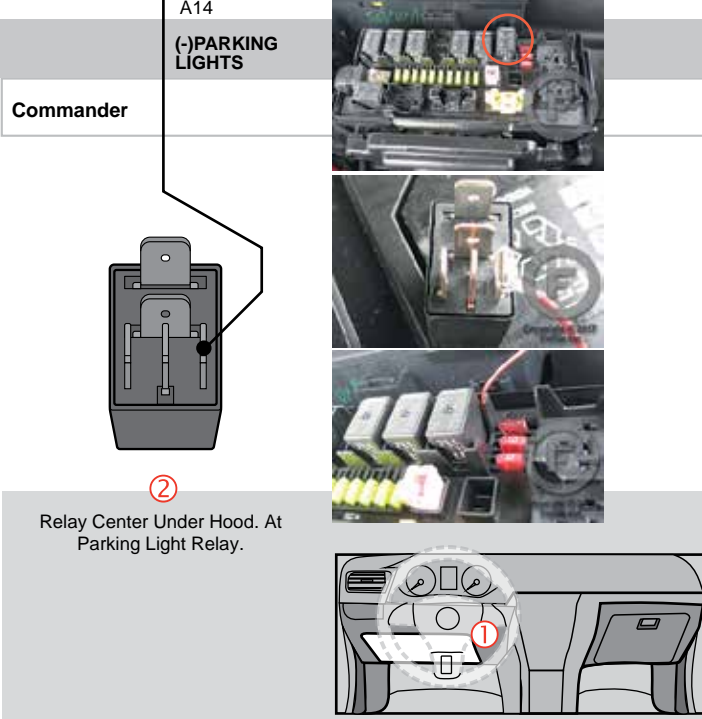
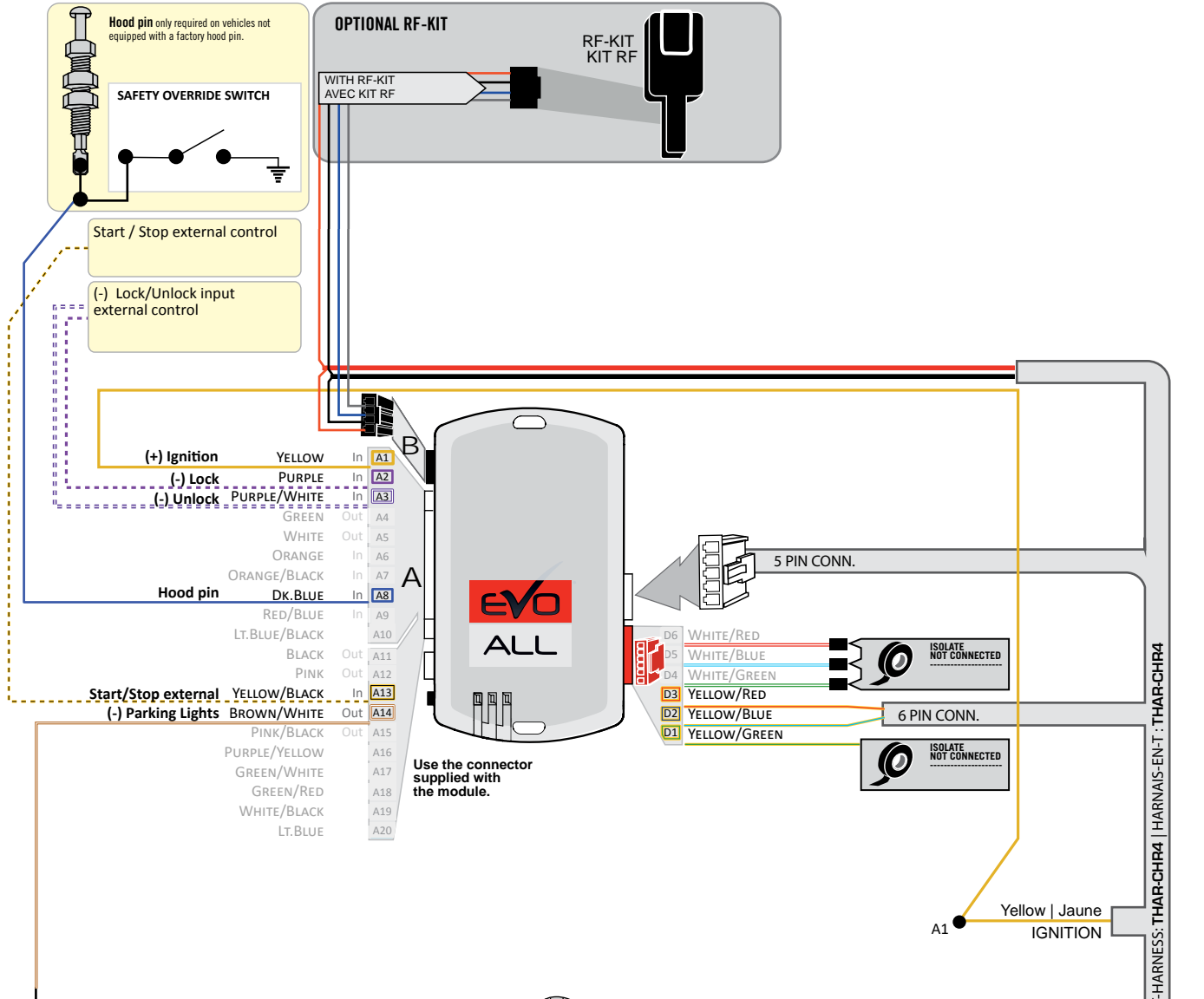
②

Relay Center Under Hood. At Parking Light Relay.



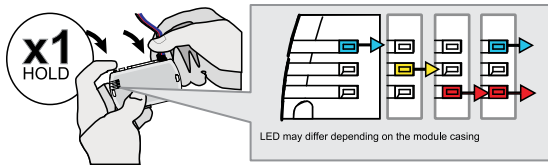
① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.





PROGRAMMING PROCEDURE

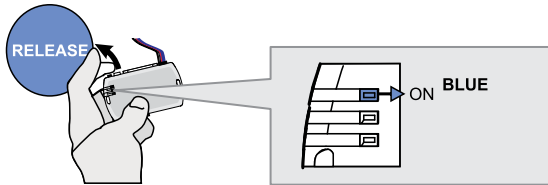
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

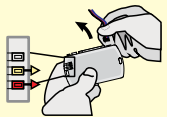
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

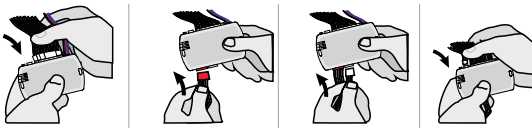


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

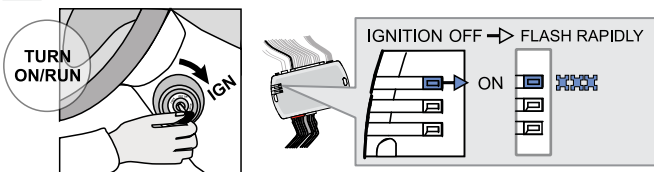


3



Insert the required remaining connectors.

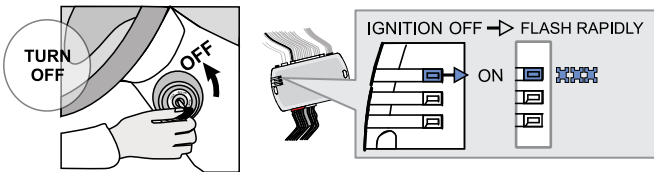
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



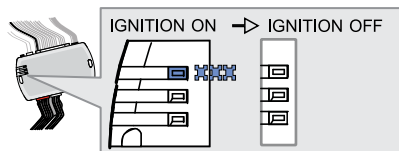
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



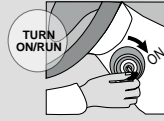
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

STAND ALONE & THAR-CHR4 INSTALLATION

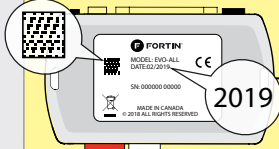
ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

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|----------------|-----------|--------------------|------|--------|-----|--------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| JEEP | | | | | | | | | | | | | | |
| Commander | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grand Cherokee | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |



COMPATIBLE MODULE REQUIRED:


QR CODE ON THE LABEL MANUFACTURED AFTER: 2019

FIRMWARE VERSION

59.[01]


MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | UNIT OPTION | DESCRIPTION |
|--|-------------|---|
|  <p>Program bypass option:</p> | C1 | OEM Remote status (Lock/Unlock) monitoring |
| <p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p> | A11 | OFF |
| <p>Program bypass option (If equipped with OEM alarm):</p> | D2 | Unlock before / Lock after (Disarm OEM alarm) |

MANDATORY INSTALL

***HOOD PIN**



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

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If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

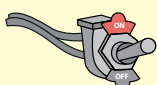
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet connection (*provider charges may apply*).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.



STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|---|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X  

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

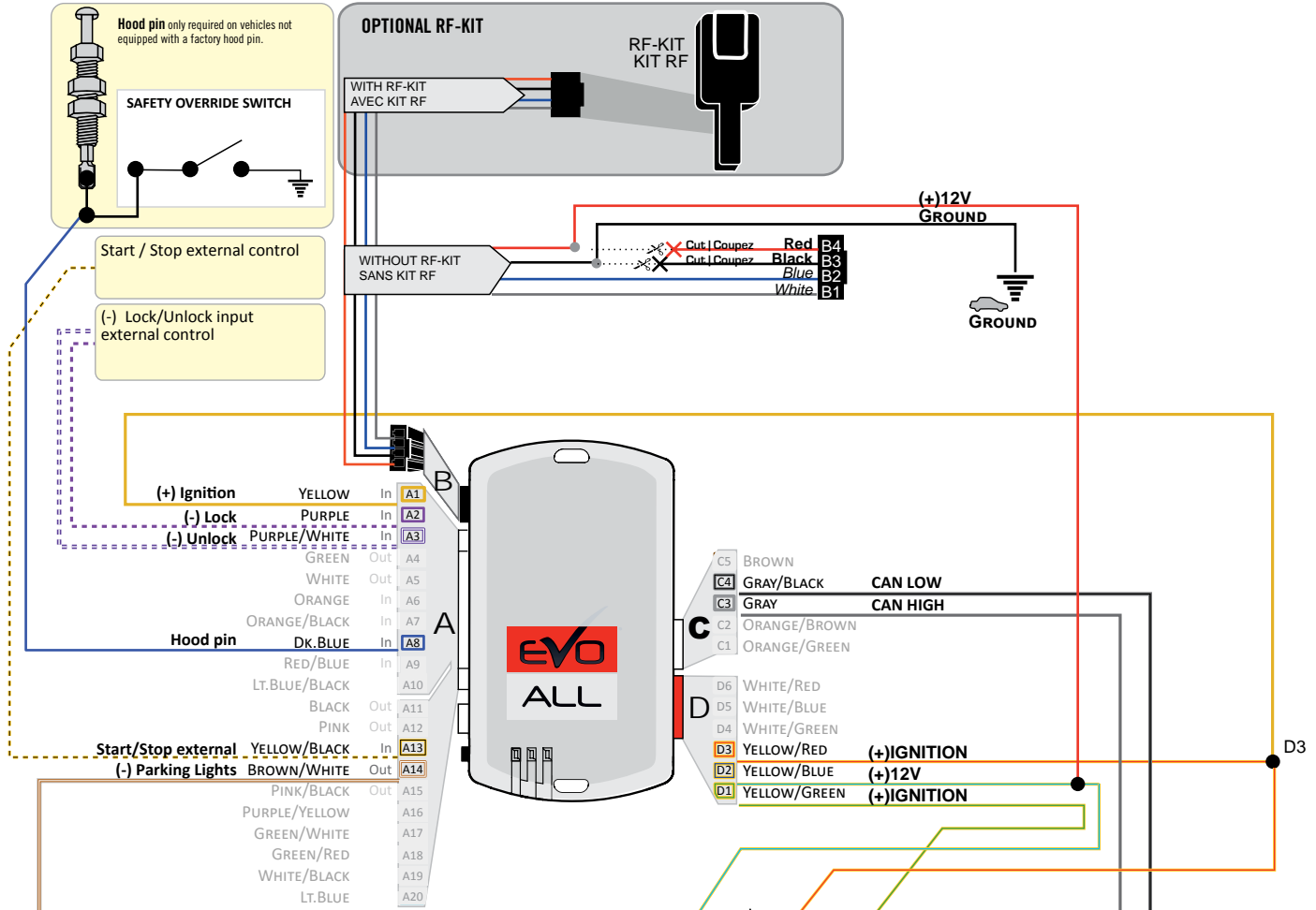
WARNING | ATTENTION



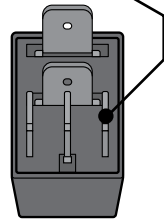
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

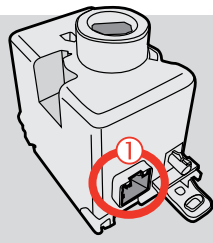
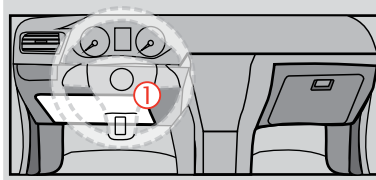
AUTOMATIC TRANSMISSION WIRING CONNECTION



| | A14 | D2 | D1 | C3 | C4 |
|---------------------------------|--------------------|--------------|-------------|-----------------|----------------|
| | (-) PARKING LIGHTS | (+)12V | (+)IGNITION | CAN HIGH | CAN LOW |
| Commander | | Lt. Blue/Red | Pink/White | White/Lt. Green | White/Lt. Blue |
| Grand-Cherokee 2008-2010 | | Lt. Blue/Red | Pink/White | White/Lt. Blue | White/Brown |



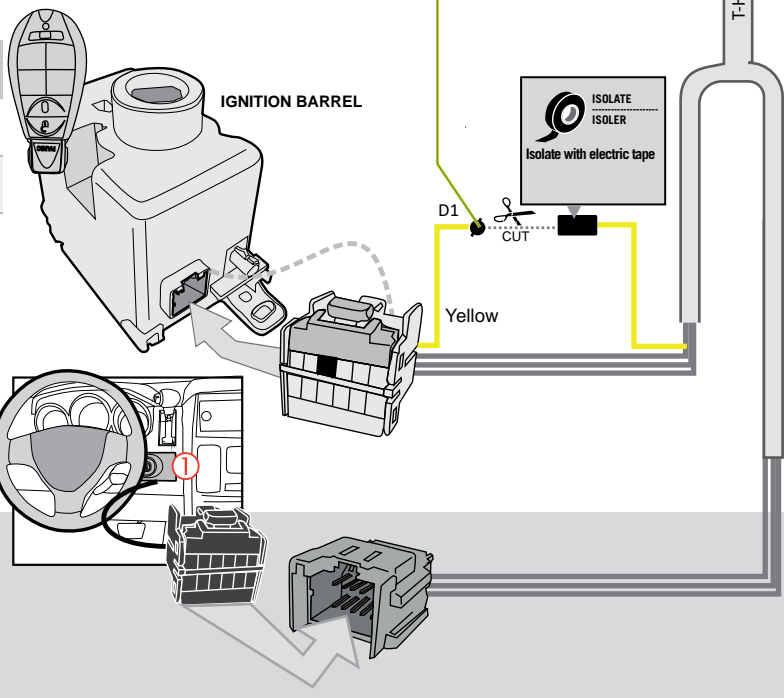
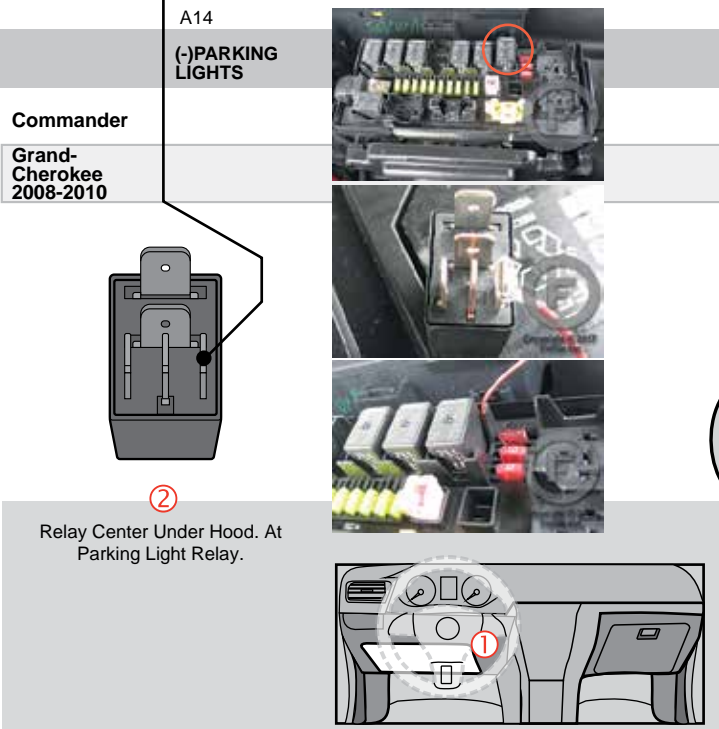
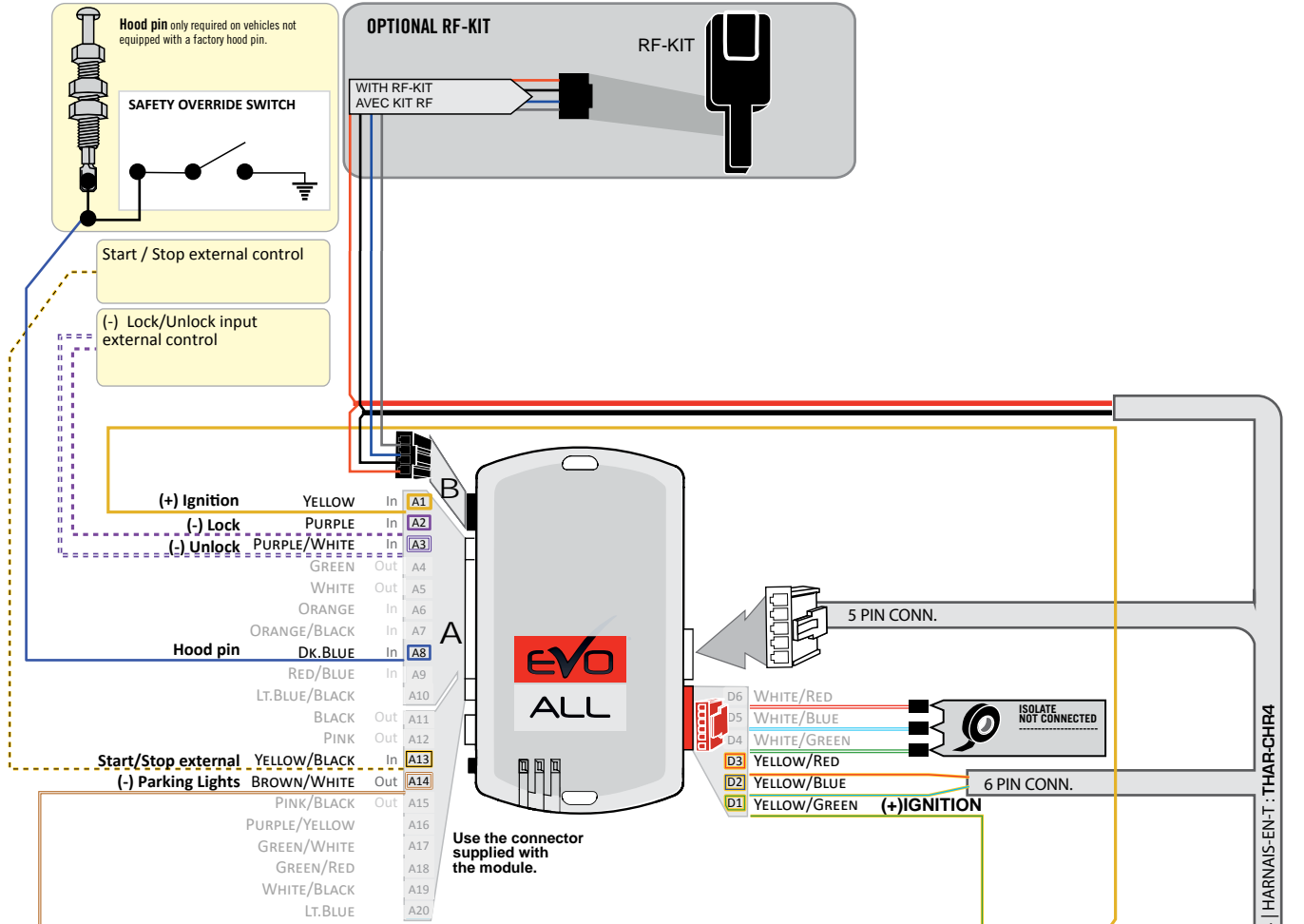
② Relay Center Under Hood. At Parking Light Relay.



① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.

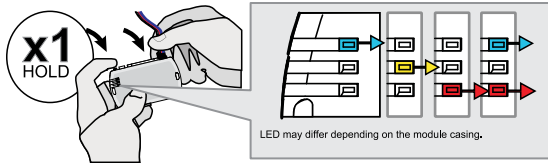


THAR-CHR4 - AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

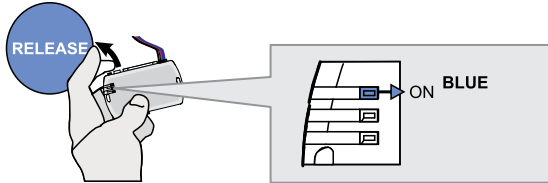
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

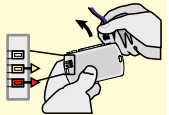
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

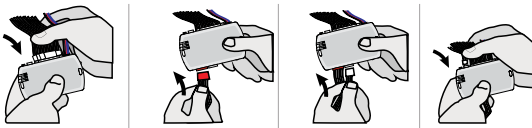


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

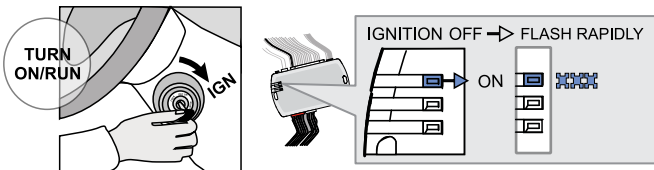


3



Insert the required remaining connectors.

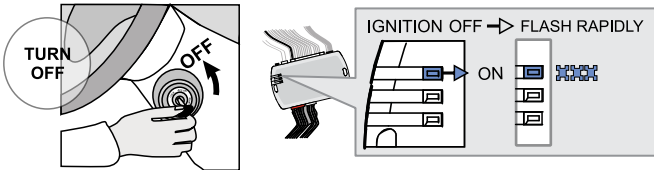
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



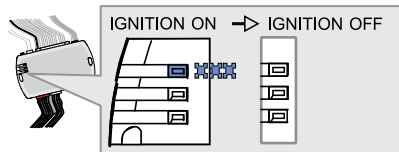
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



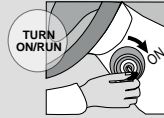
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

STAND ALONE & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

| VEHICLE | YEARS | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
|----------------|--------------------------------|--------------------|------|--------|-----|--------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| DODGE | | | | | | | | | | | | | | |
| Durango | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| JEEP | | | | | | | | | | | | | | |
| Grand Cherokee | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | <i>Push-to-Start</i> 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | |
| CV | Gas 2011-2015 | • | • | • | • | • | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | UNIT OPTION | DESCRIPTION |
|--|--|---|
| <p>Program bypass option:</p> | C1 | OEM Remote status (Lock/Unlock) monitoring |
| <p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p> | A11 OFF | Hood trigger (Output Status). |
| <p>Program bypass option (If equipped with OEM alarm):</p> | D2 | Unlock before / Lock after (Disarm OEM alarm) |



Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.



Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

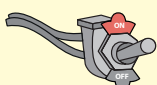
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



START

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:

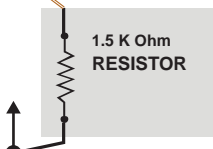
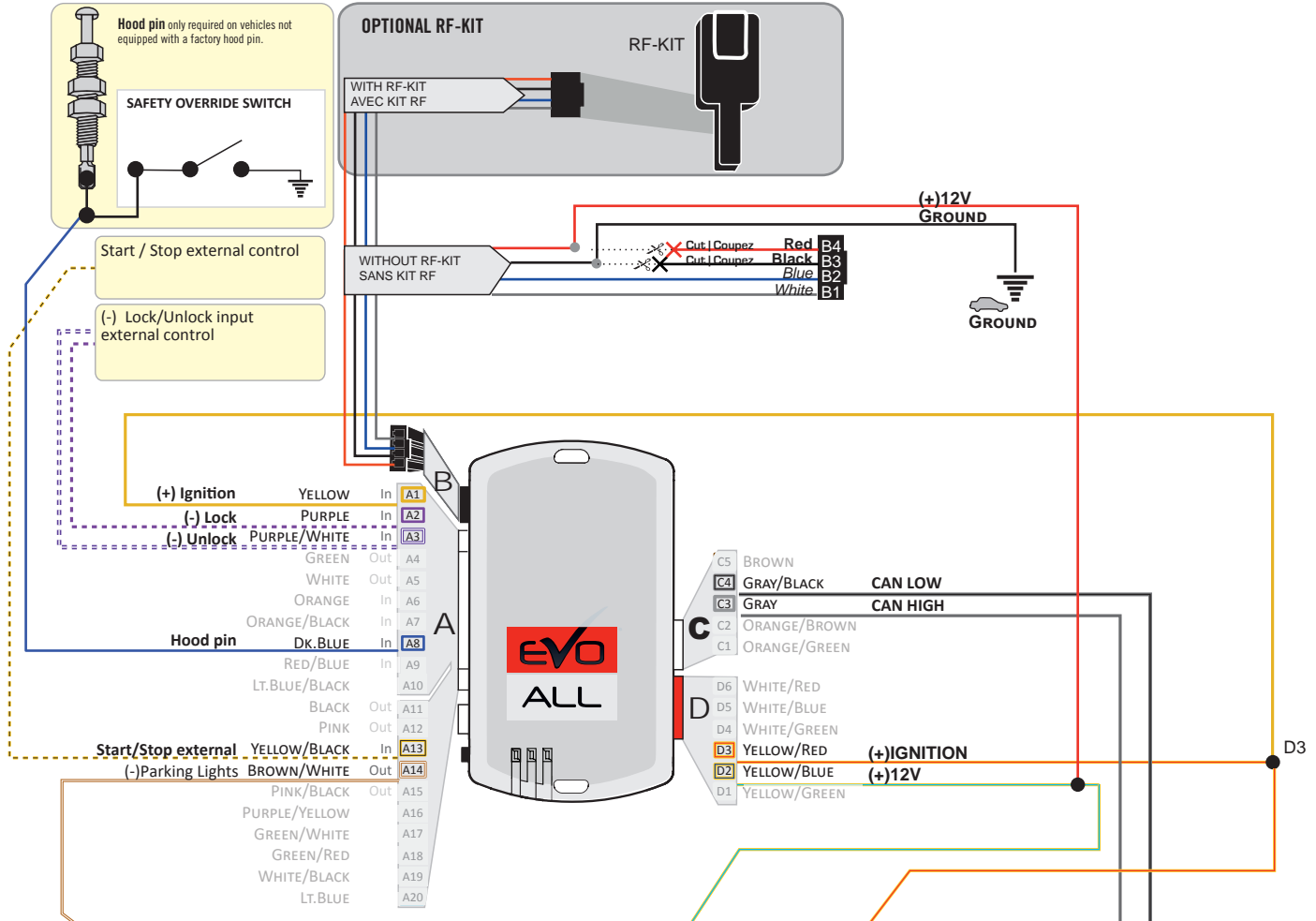
WARNING | ATTENTION



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

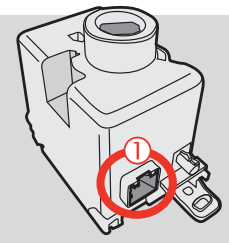
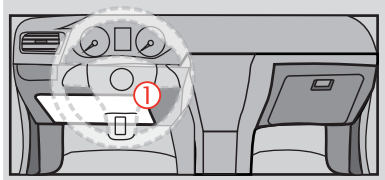
AUTOMATIC TRANSMISSION WIRING CONNECTION



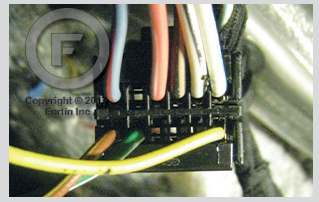
| | A14 | D2 | A1/D3 | C3 | C4 |
|--------------------|---------------------|-------------|-------------|----------------|----------------|
| | (MUX)PARKING LIGHTS | (+)12V | (+)IGNITION | CAN HIGH | CAN LOW |
| RAM CV 2011-2015 | White/Green | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Lt. Blue |
| Durango | White/Green | Lt.Blue/Red | Pink/White | White/Lt.Green | White/Lt. Blue |
| Grand-Cherokee PTS | White/Green | Lt.Blue/Red | Pink/White | White/Black | White/Brown |
| Grand-Cherokee | White/Tan | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |



② Driver kick panel

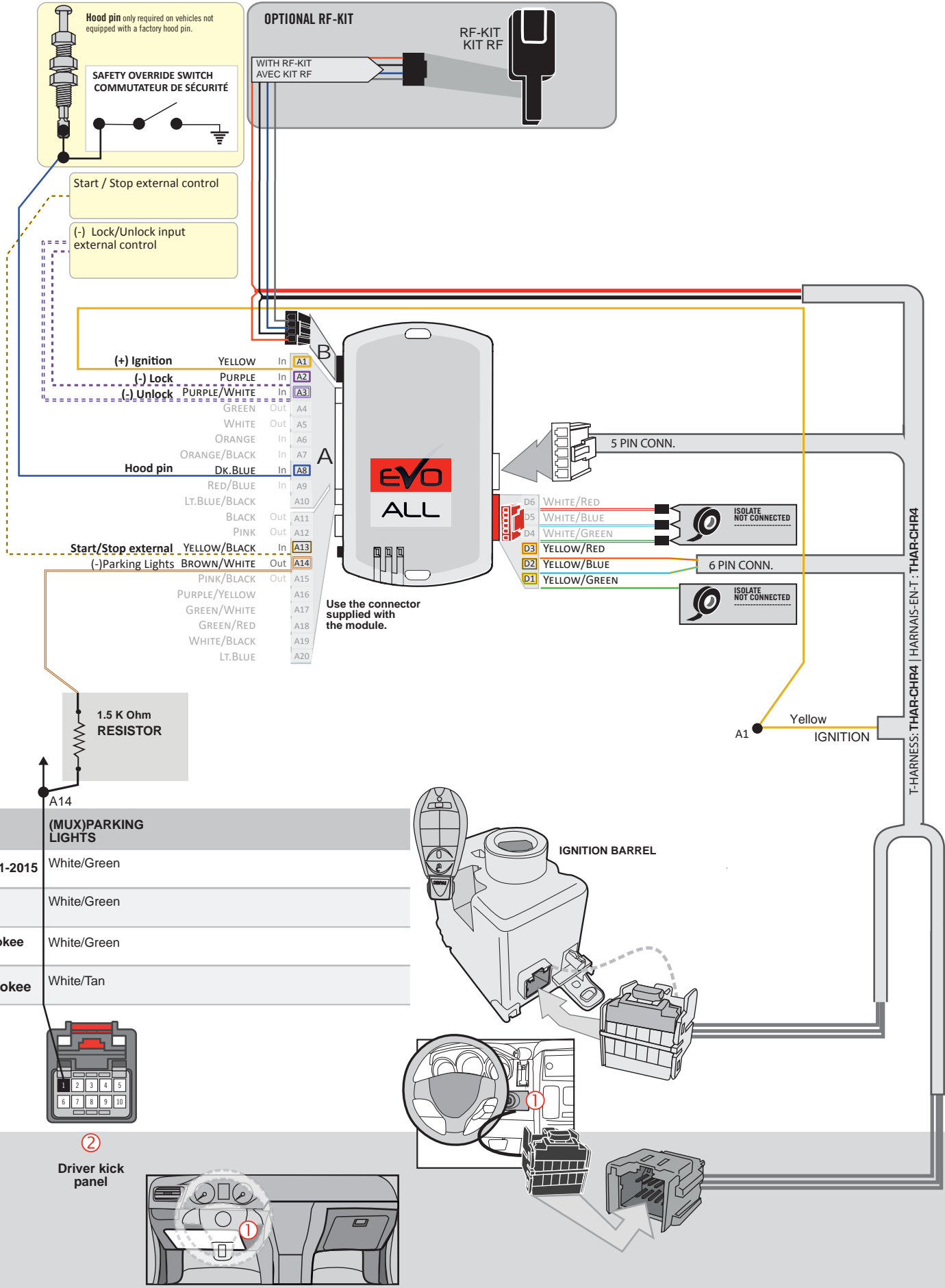


① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



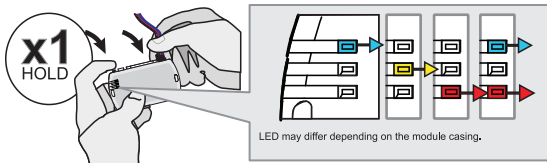
Copyright © 2011 Fortin Inc.

THAR-CHR4 - AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

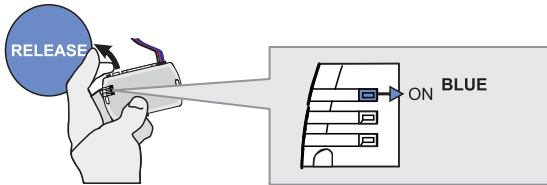
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

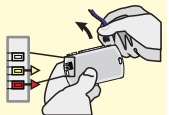
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

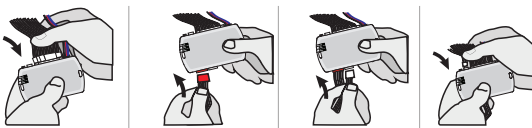


Release the programming button when the LED is BLUE

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

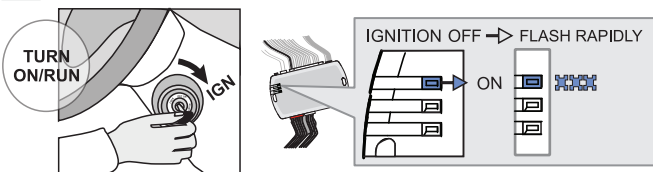


3



Insert the required remaining connectors.

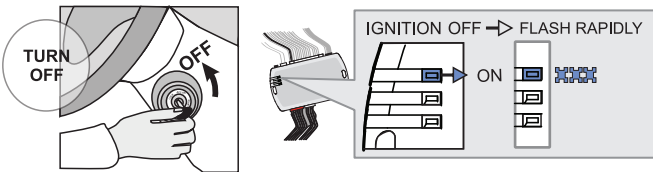
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

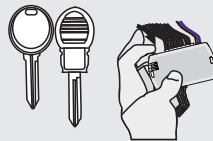
With OEM remote



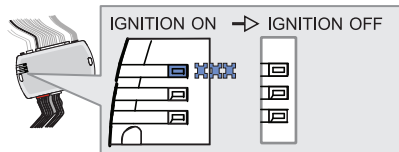
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



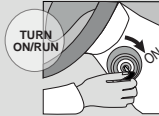
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

**STAND ALONE & THAR-CHR4
INSTALLATION**

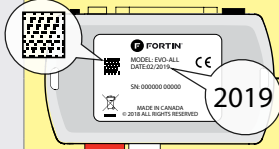
ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

| VEHICLE | YEARS | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Trunk (open) | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
|---------|-----------|--------------------|------|--------|-----|--------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| Journey | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |



COMPATIBLE MODULE REQUIRED:


QR CODE ON THE LABEL
MANUFACTURED AFTER: **2019**

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | UNIT OPTION | DESCRIPTION |
|--|-------------|---|
|  <p>Program bypass option:</p> | C1 | OEM Remote status (Lock/Unlock) monitoring |
| <p>IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:</p> | A11 | OFF |
| <p>Program bypass option (If equipped with OEM alarm):</p> | D2 | Unlock before / Lock after (Disarm OEM alarm) |

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

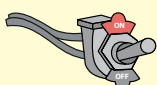
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

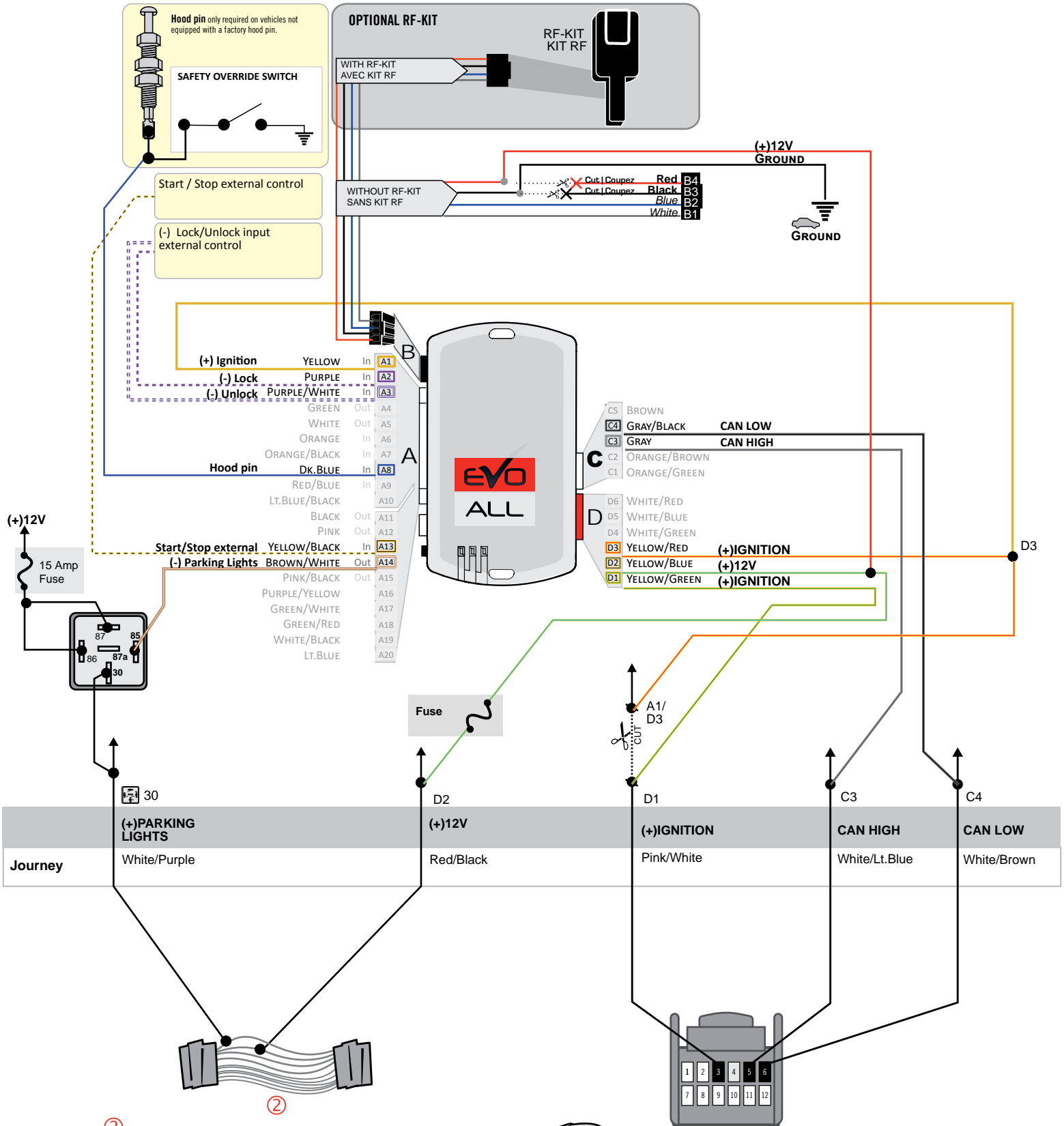
WARNING | ATTENTION



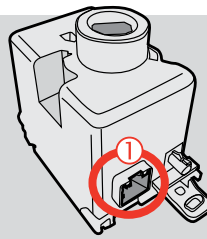
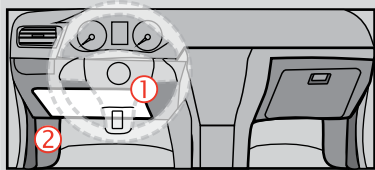
REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION WIRING CONNECTION



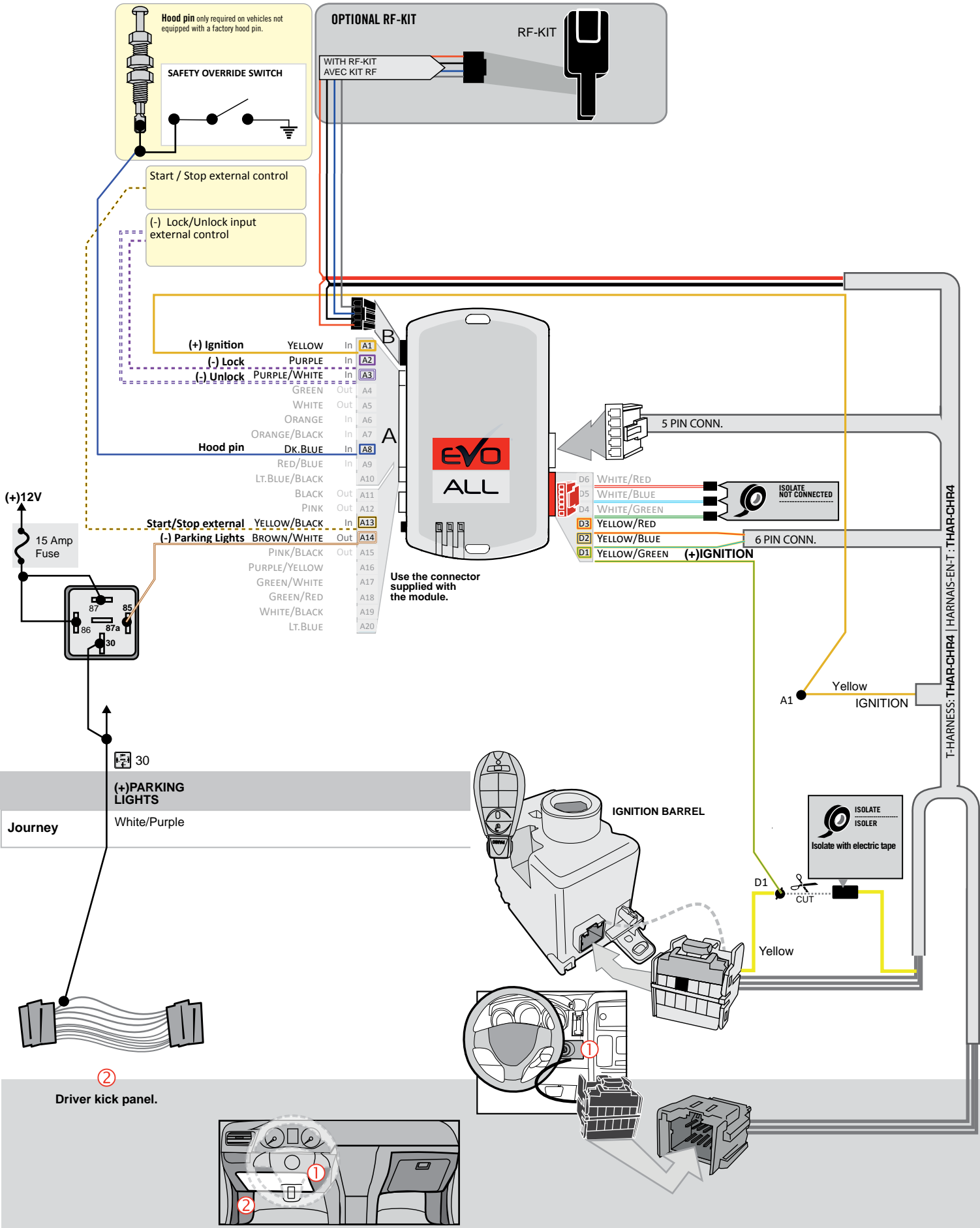
Driver kick panel.



Back view - Black 12-pin Immobilizer connector, at Ignition barrel.

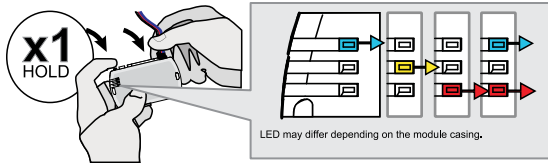


THAR-CHR4 - AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

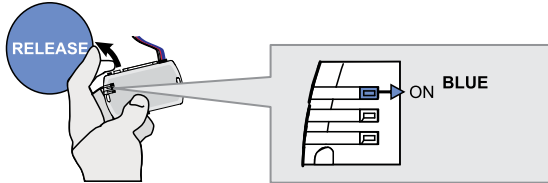
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

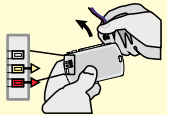
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

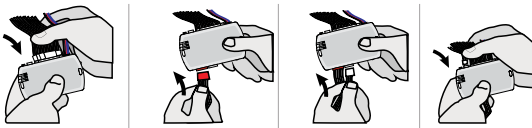


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

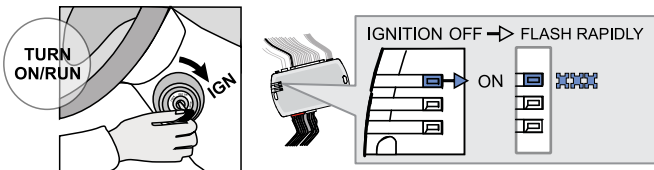


3



Insert the required remaining connectors.

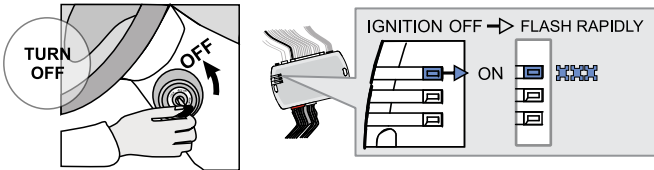
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

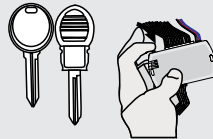
With OEM remote



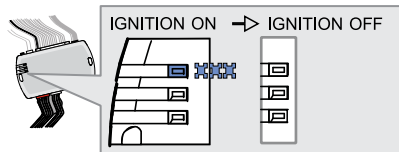
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



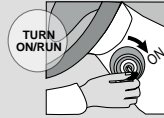
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

**STAND ALONE & THAR-CHR4
INSTALLATION**

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | | |
|-------------------|-------------------------------|--|------|--------|-----|--------|--------------|--------------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|-----------------------|
| | | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| DODGE | | | | | | | | | | | | | | | | |
| Challenger | 2011-2014 | • | • | • | • | • | | • | | • | • | • | • | • | • | • |
| RAM | <i>Diesel / Gas</i> 2011-2012 | • | • | • | • | • | | | | • | • | • | | • | • | • |
| RAM | | | | | | | | | | | | | | | | |
| 1500/2500 | <i>Diesel</i> 2011-2012 | • | • | • | • | • | • | | | • | • | • | | • | • | • |
| 3500/4500 5500 | <i>Gas</i> 2011-2012 | • | • | • | • | • | • | | | • | • | • | | • | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | | |
| Routan | 2011-2014 | • | • | • | • | • | | • | • | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| | Program bypass option: IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | UNIT OPTION | | DESCRIPTION |
|--|--|-------------|------------|---|
| | | | | C1 |
| | | A11 | OFF | Hood trigger (Output Status). |
| | Program bypass option (If equipped with OEM alarm): | D2 | | Unlock before / Lock after (Disarm OEM alarm) |
| | Program bypass option (Vehicle diesel only): | D1.3 | | Diesel mode (Vehicle diesel only) |



Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH

VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|-----------------|---|
| | OEM Remote Stand Alone Remote Starter: | D1.10 | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE |
| | | D1.1 | |
| | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
| | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD

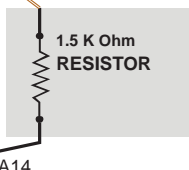
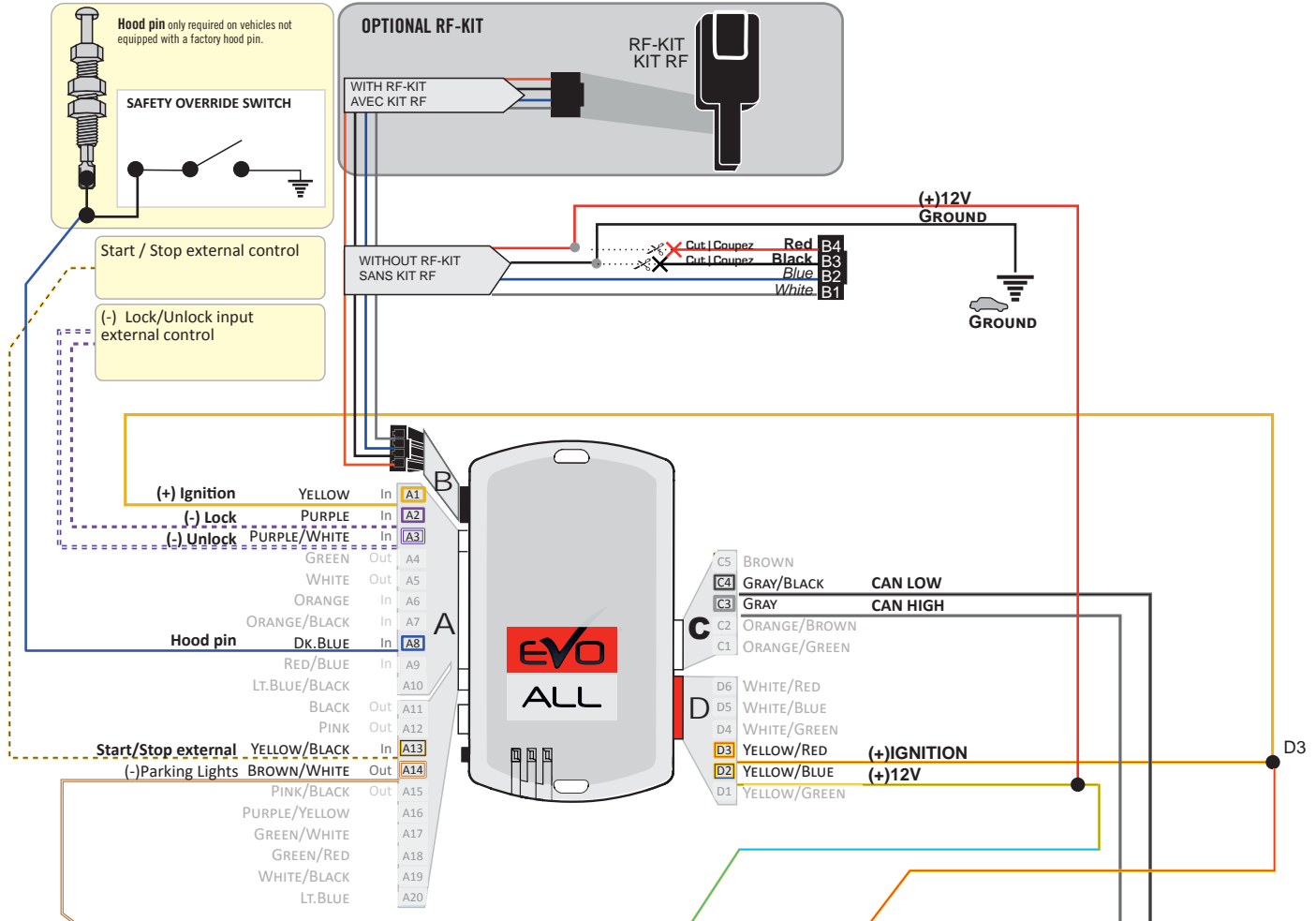
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING | ATTENTION

REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

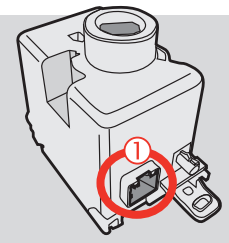
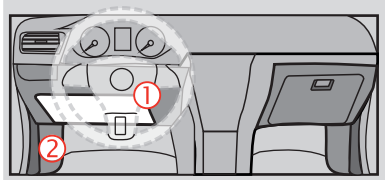
AUTOMATIC TRANSMISSION WIRING CONNECTION



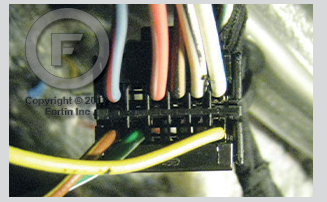
| | A14 | D2 | A1/D3 | C3 | C4 |
|-------------------|---------------------|-------------|-------------|----------------|---------------|
| | (MUX)PARKING LIGHTS | (+)12V | (+)IGNITION | CAN HIGH | CAN LOW |
| Challenger | White/Brown | Lt.Blue/Red | Pink/White | White/Black | White/Lt.Blue |
| RAM | White | Lt.Blue/Red | Pink/White | White/Lt.Green | White/Lt.Blue |
| Routan | White/Brown | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |



② Driver kick panel

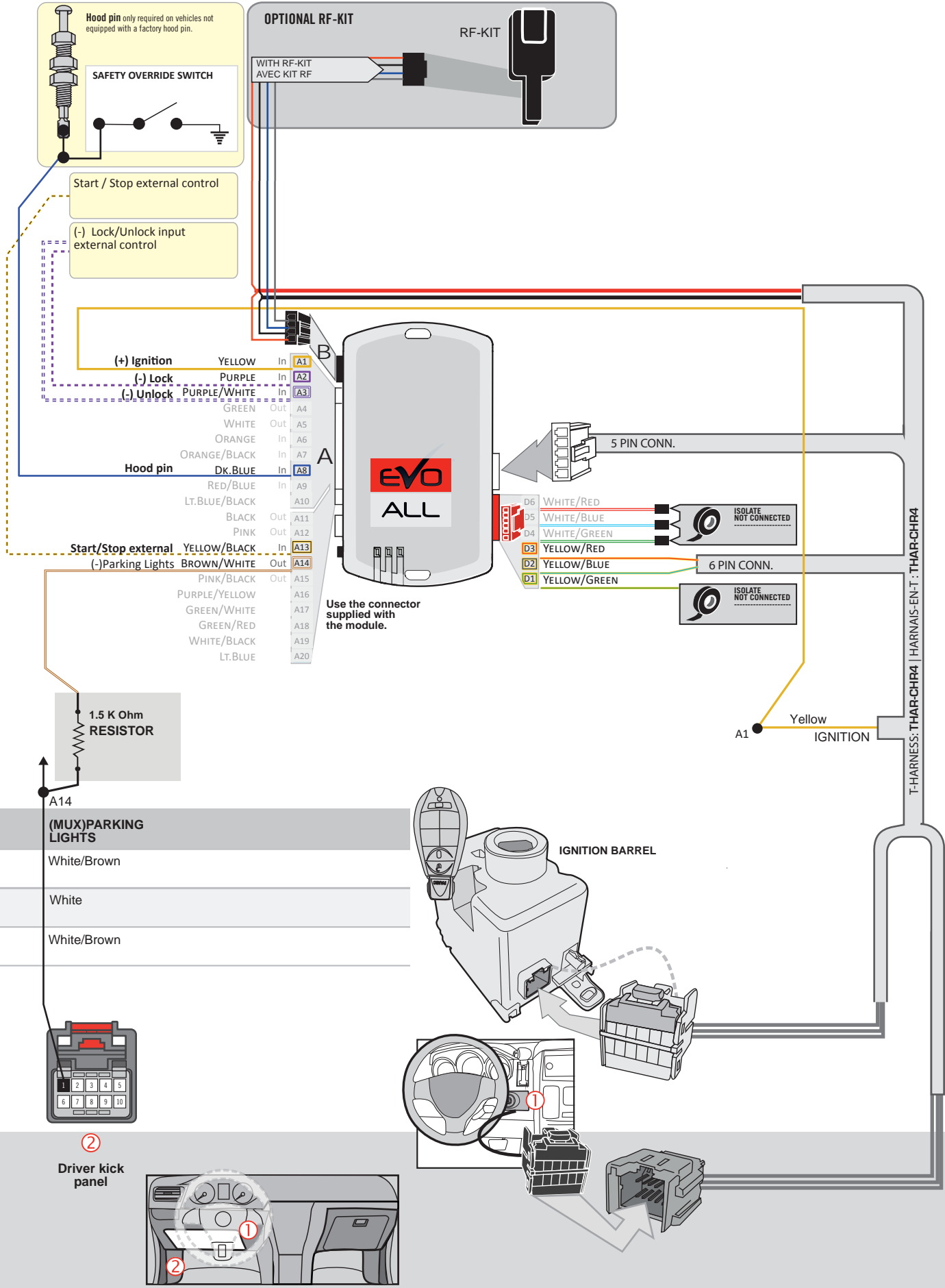


① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



Copyright © 2011 Fortin Inc.

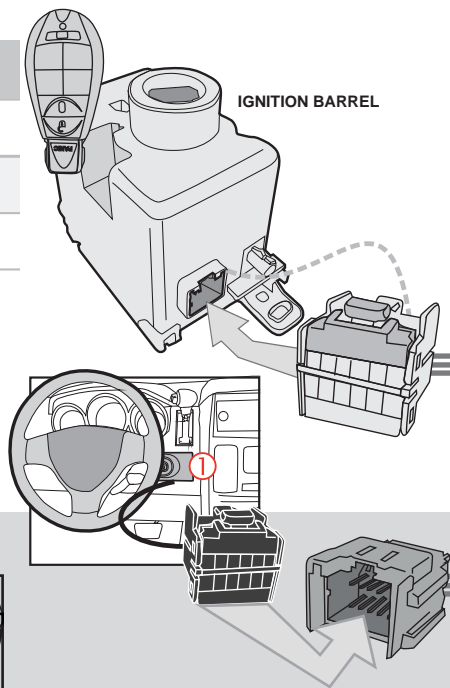
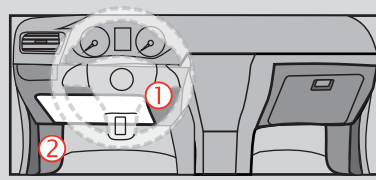
THAR-CHR4 - AUTOMATIC TRANSMISSION WIRING CONNECTION



| | (MUX) PARKING LIGHTS |
|------------|----------------------|
| Challenger | White/Brown |
| RAM | White |
| Routan | White/Brown |



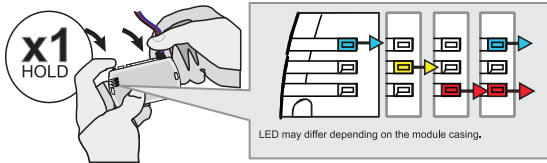
② Driver kick panel



T-HARNES: THAR-CHR4 | HARNAS-EN-T: THAR-CHR4

PROGRAMMING PROCEDURE

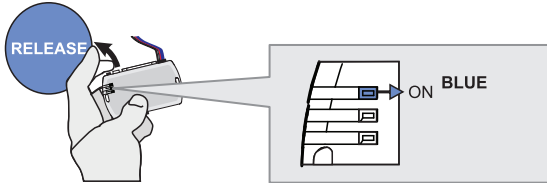
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

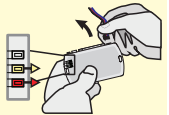
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

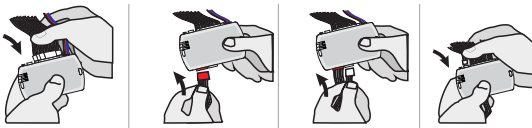


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

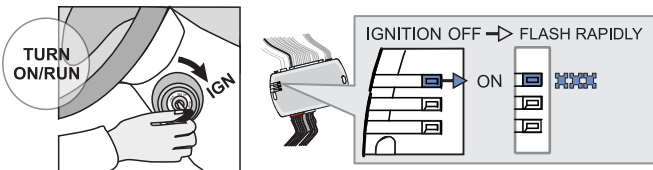


3



Insert the required remaining connectors.

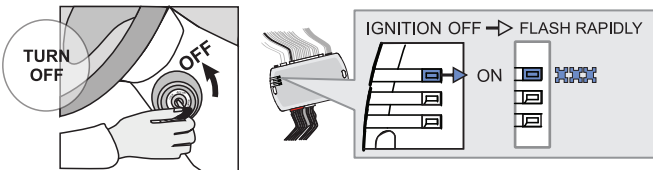
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



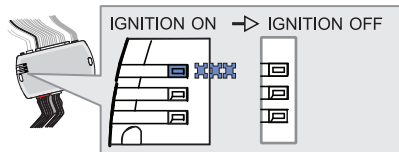
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

STAND ALONE & THAR-CHR4 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-----------------|-----------|--|------|--------|-----|--------|--------------|--------------|--------------|------------|---------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Parking Light | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| CHRYSLER | | | | | | | | | | | | | | | |
| Town & Country | 2011-2016 | • | • | • | • | • | | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Grand Caravan | 2011-2020 | • | • | • | • | • | • | | • | • | • | • | • | • | • |

FIRMWARE VERSION

59.[01]

MINIMUM

To add the firmware version and the options, use the **FLASH LINK UPDATER** or **FLASH LINK MOBILE** tool, sold separately.

| Program bypass option: | UNIT OPTION | | DESCRIPTION |
|---|-------------|------------|---|
| | | C1 | |
| IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN: | A11 | OFF | Hood trigger (Output Status). |
| Program bypass option (If equipped with OEM alarm): | D2 | | Unlock before / Lock after (Disarm OEM alarm) |
| Program bypass option (Vehicle diesel only): | D1.3 | | Diesel mode (Vehicle diesel only) |



Parts required (Not included)

1X 1.5k Ohm Resistor

MANDATORY INSTALL

*HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION **A11** TO OFF.

A11

OFF

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

NOTES

NOTES 12V BATTERY FOR T-HARNESS

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DIAGRAM

PAGE

WIRE TO WIRE Connection Diagram

page 4

THAR-CHR4 - THarness Diagram

page 5


PARTS REQUIRED (NOT INCLUDED)

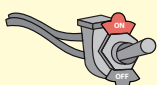
1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN 






REMOTE START SAFETY OVERRIDE SWITCH 

VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|---|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  D1.1  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

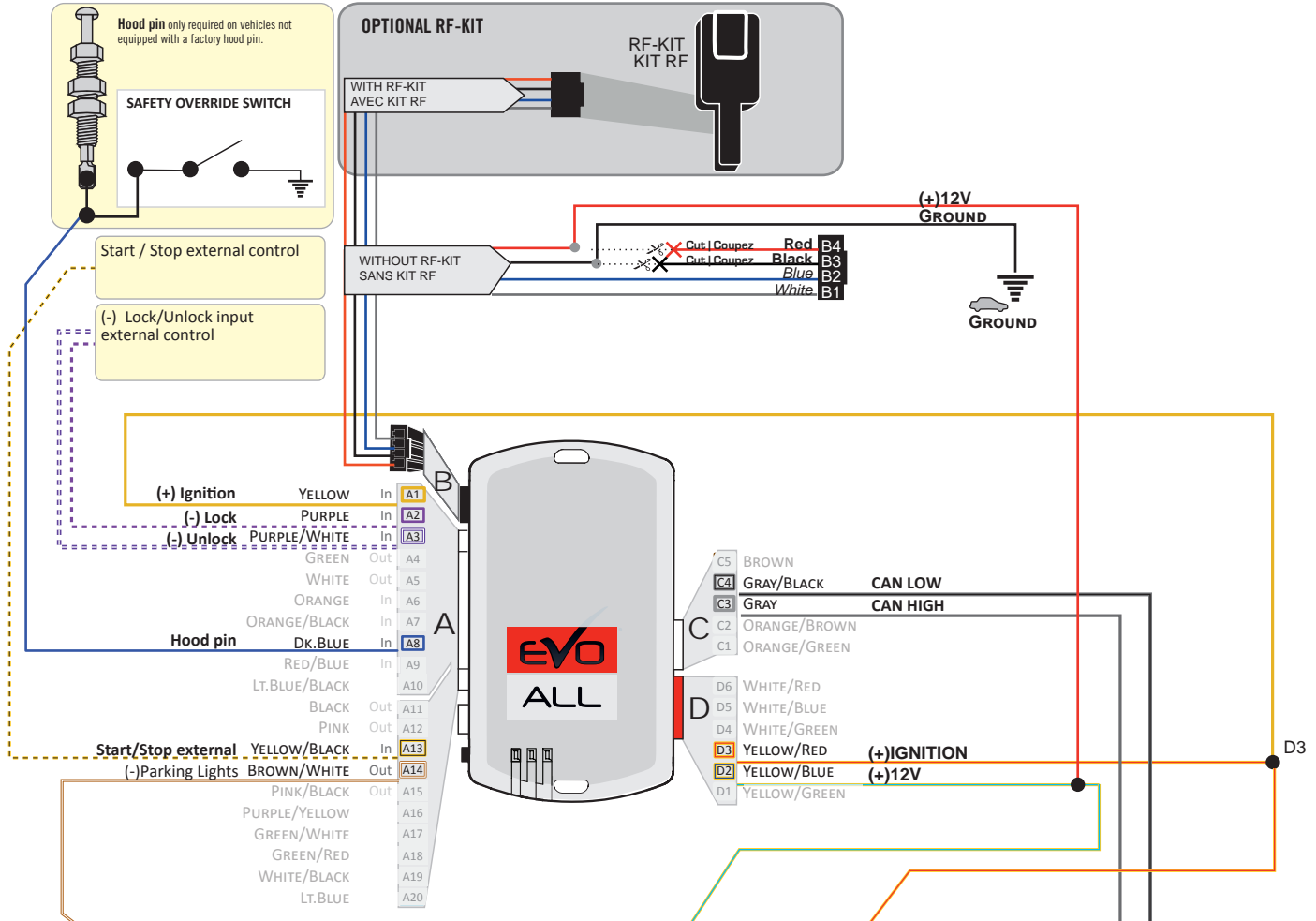
WARNING | ATTENTION



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

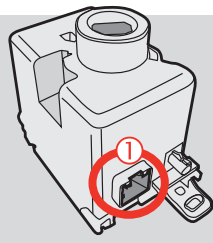
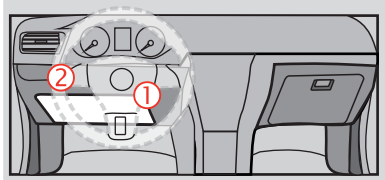
AUTOMATIC TRANSMISSION WIRING CONNECTION



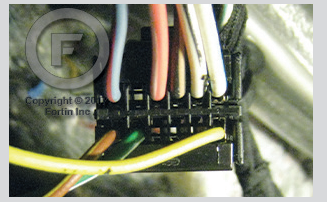
| | A14 | D2 | A1/D3 | C3 | C4 |
|-------------------------|---------------------|-------------|-------------|---------------|-------------|
| | (MUX)PARKING LIGHTS | (+)12V | (+)IGNITION | CAN HIGH | CAN LOW |
| Town & Country 2011 - & | White/Green | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |
| Grand-Caravan | White/Green | Lt.Blue/Red | Pink/White | White/Lt.Blue | White/Brown |



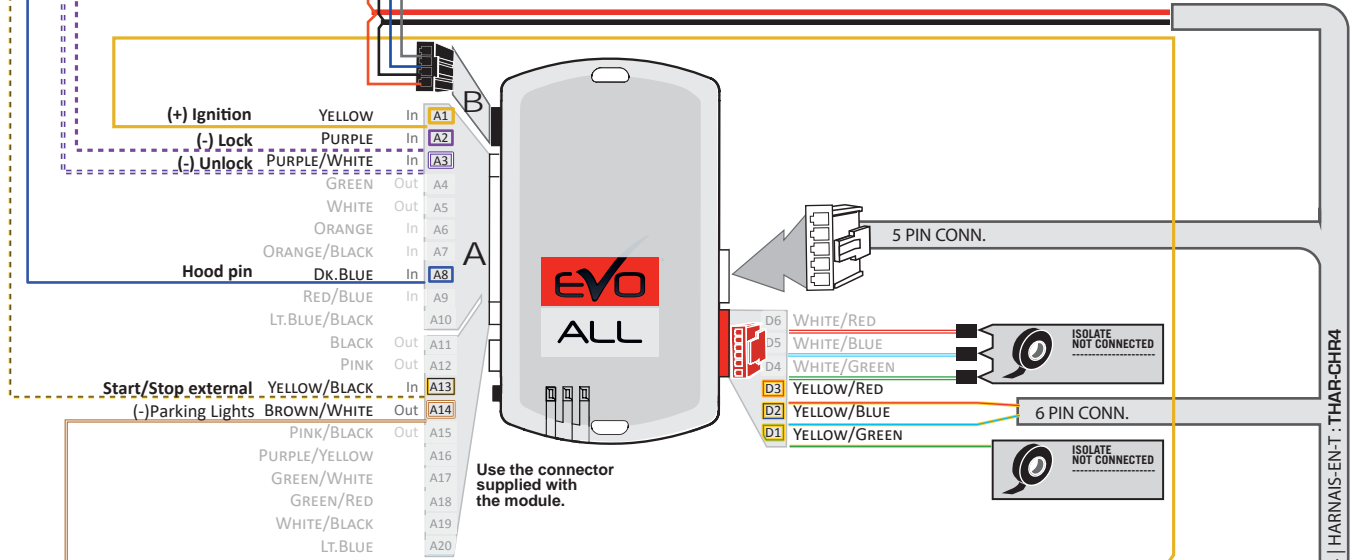
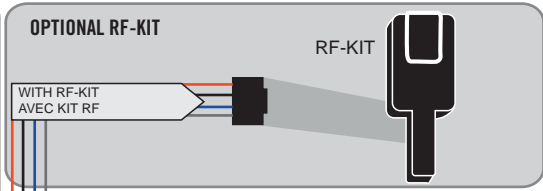
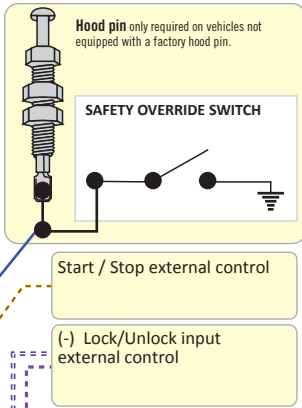
② Back view - Black connector 6-pin At parking light switch.



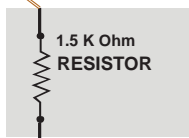
① Back view - Black 12-pin Immobilizer connector, at Ignition barrel.



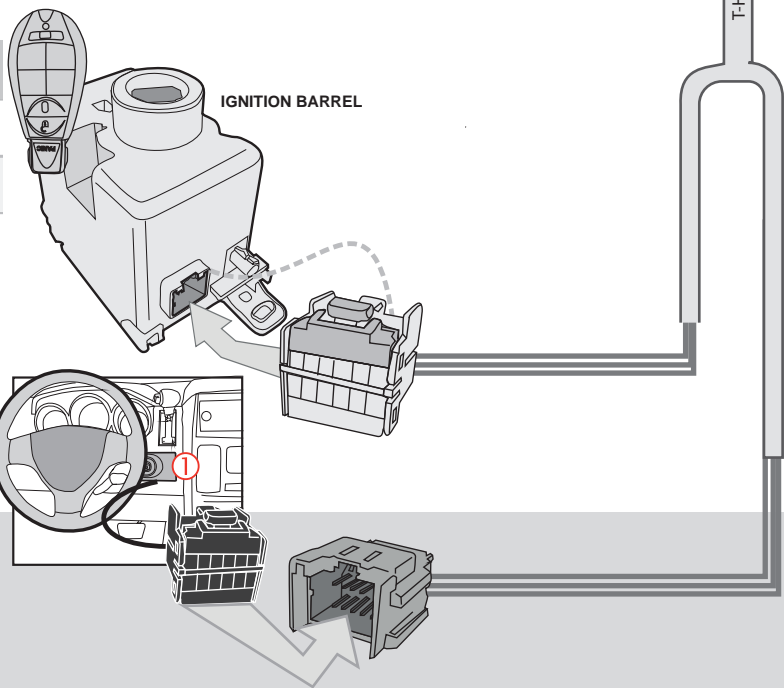
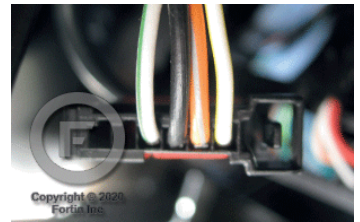
THAR-CHR4 - AUTOMATIC TRANSMISSION WIRING CONNECTION



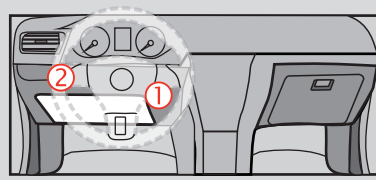
| | | | |
|---------------------|---------------|-----|-----|
| (+) Ignition | YELLOW | In | A1 |
| (-) Lock | PURPLE | In | A2 |
| (-) Unlock | PURPLE/WHITE | In | A3 |
| | GREEN | Out | A4 |
| | WHITE | Out | A5 |
| | ORANGE | In | A6 |
| | ORANGE/BLACK | In | A7 |
| Hood pin | DK.BLUE | In | A8 |
| | RED/BLUE | In | A9 |
| | LT.BLUE/BLACK | | A10 |
| | BLACK | Out | A11 |
| | PINK | Out | A12 |
| Start/Stop external | YELLOW/BLACK | In | A13 |
| (-) Parking Lights | BROWN/WHITE | Out | A14 |
| | PINK/BLACK | Out | A15 |
| | PURPLE/YELLOW | | A16 |
| | GREEN/WHITE | | A17 |
| | GREEN/RED | | A18 |
| | WHITE/BLACK | | A19 |
| | LT.BLUE | | A20 |



| | |
|-------------------------|----------------------|
| | (MUX) PARKING LIGHTS |
| Town & Country 2011 - & | White/Green |
| Grand-Caravan | White/Green |



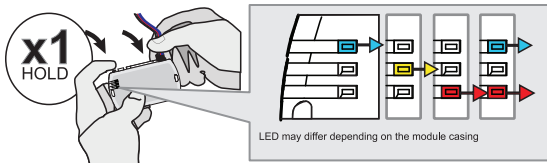
② Back view - Black connector 6-pin At parking light switch.



T-HARNES: THAR-CHR4 | HARNAS-EN-T: THAR-CHR4

PROGRAMMING PROCEDURE

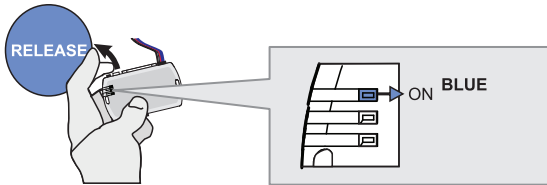
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

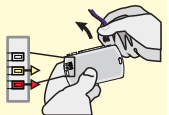
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

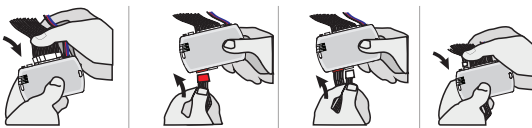


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

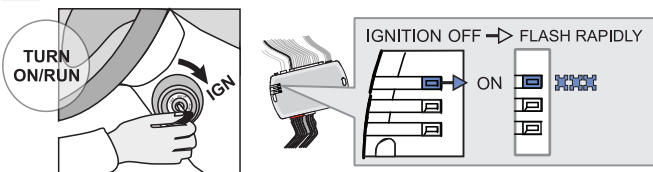


3



Insert the required remaining connectors.

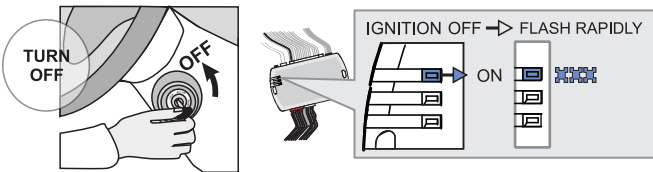
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

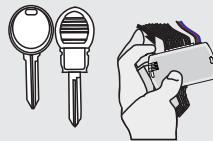
With OEM remote



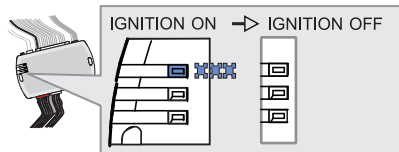
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY



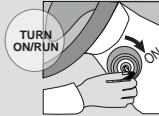
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.

THAR-CHR4

THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-----------------|------------------|--|-----------|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| CHRYSLER | | | | | | | | | | | | | | | |
| 300-300C | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Town & Country | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Challenger | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | Gas 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | Diesel 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | | |
| 1500/2500 | Diesel 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 3500/4500 | Gas 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 5500 | | | | | | | | | | | | | | | |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (if equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |



Parts required (Not included)

1X Resistor

NOTES 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

*** HOOD PIN**

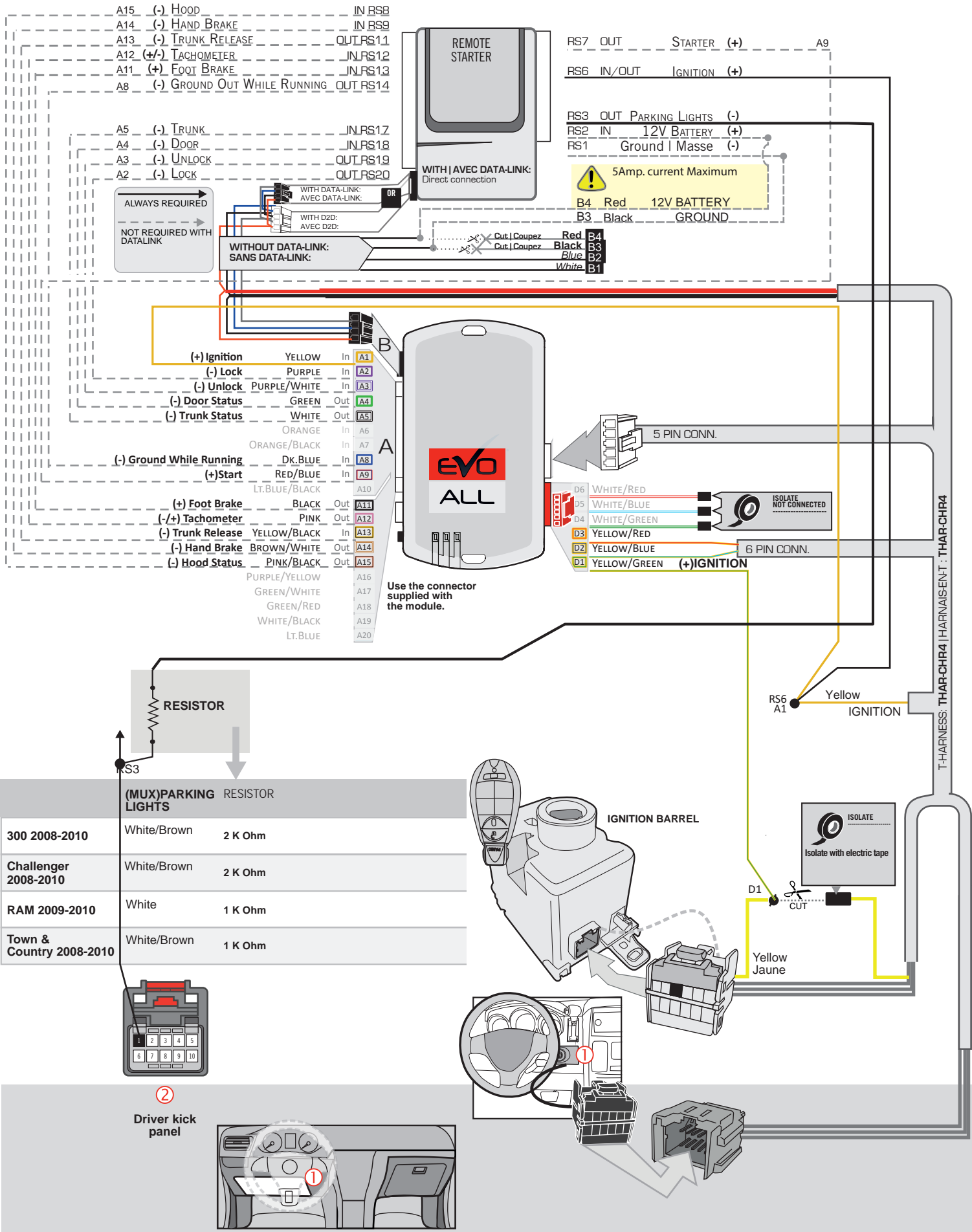


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

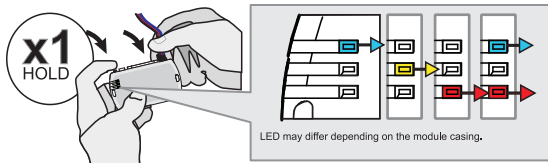
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

WIRING CONNECTION



PROGRAMMING PROCEDURE

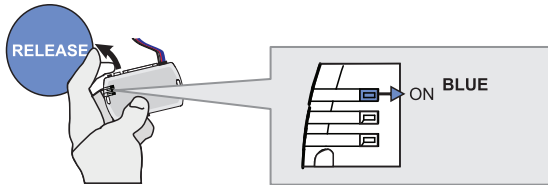
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

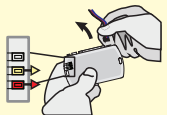
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

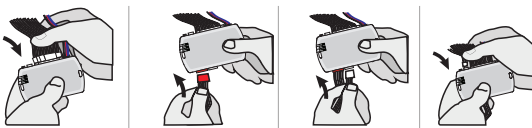


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

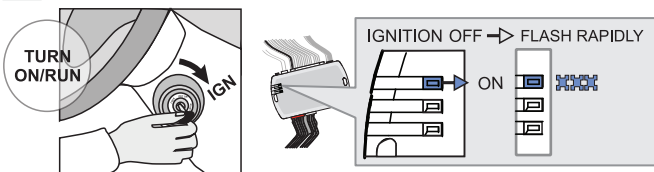


3



Insert the required remaining connectors.

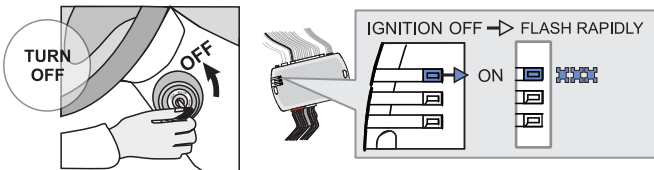
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



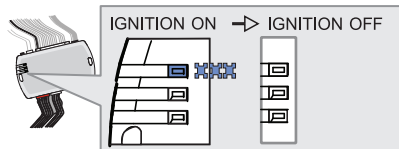
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION - TRANSMISSION AUTOMATIQUE



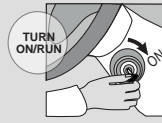
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



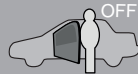
Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.




If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4 THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-------------------|-------------------------|--|-----------|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| CHRYSLER | | | | | | | | | | | | | | | |
| 300-300C | 2008-2010 | • | • | • | • | • | • | | • | | • | | • | • | • |
| Town & Country | 2008-2016 | • | • | • | • | • | • | | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Challenger | 2008-2014 | • | • | • | • | • | • | | • | | • | • | • | • | • |
| Charger | 2008-2010 | • | • | • | • | • | • | | • | | • | | • | • | • |
| Durango | 2011-2013 | • | • | • | • | • | • | • | | | • | • | • | • | • |
| Grand Caravan | 2008-2016 | • | • | • | • | • | • | | | • | • | • | • | • | • |
| Journey | 2008-2010 | • | • | • | • | • | • | | • | | • | • | • | • | • |
| Magnum | 2008 | • | • | • | • | • | • | • | | • | • | • | • | • | • |
| RAM | Gas 2009-2012 | • | • | • | • | • | • | | | | • | • | | • | • |
| | Diesel 2009-2012 | • | • | • | • | • | • | | | | • | • | | • | • |
| JEEP | | | | | | | | | | | | | | | |
| Commander | 2008-2011 | • | • | • | • | • | • | • | | | • | • | • | • | • |
| Grand Cherokee | 2008-2013 | • | • | • | • | • | • | • | | | • | • | • | • | • |
| | Push-to-Start 2011-2013 | • | • | • | • | • | • | • | | | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | | |
| 1500 | 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| 2500 | Diesel 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| | Gas 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| 3500 | Diesel 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| | Gas 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| 4500 | Diesel 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| | Gas 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| 5500 | Diesel 2010-2012 | • | • | • | • | • | • | • | | | • | • | | • | • |
| CV | Gas 2010-2015 | • | • | • | • | • | • | • | | | • | • | | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | |
| Routan | 2009-2014 | • | • | • | • | • | • | | • | • | • | • | • | • | • |



HARDWARE VERSION

MINIMUM **6** **74.[29]**

CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM

NOTES 12V BATTERY

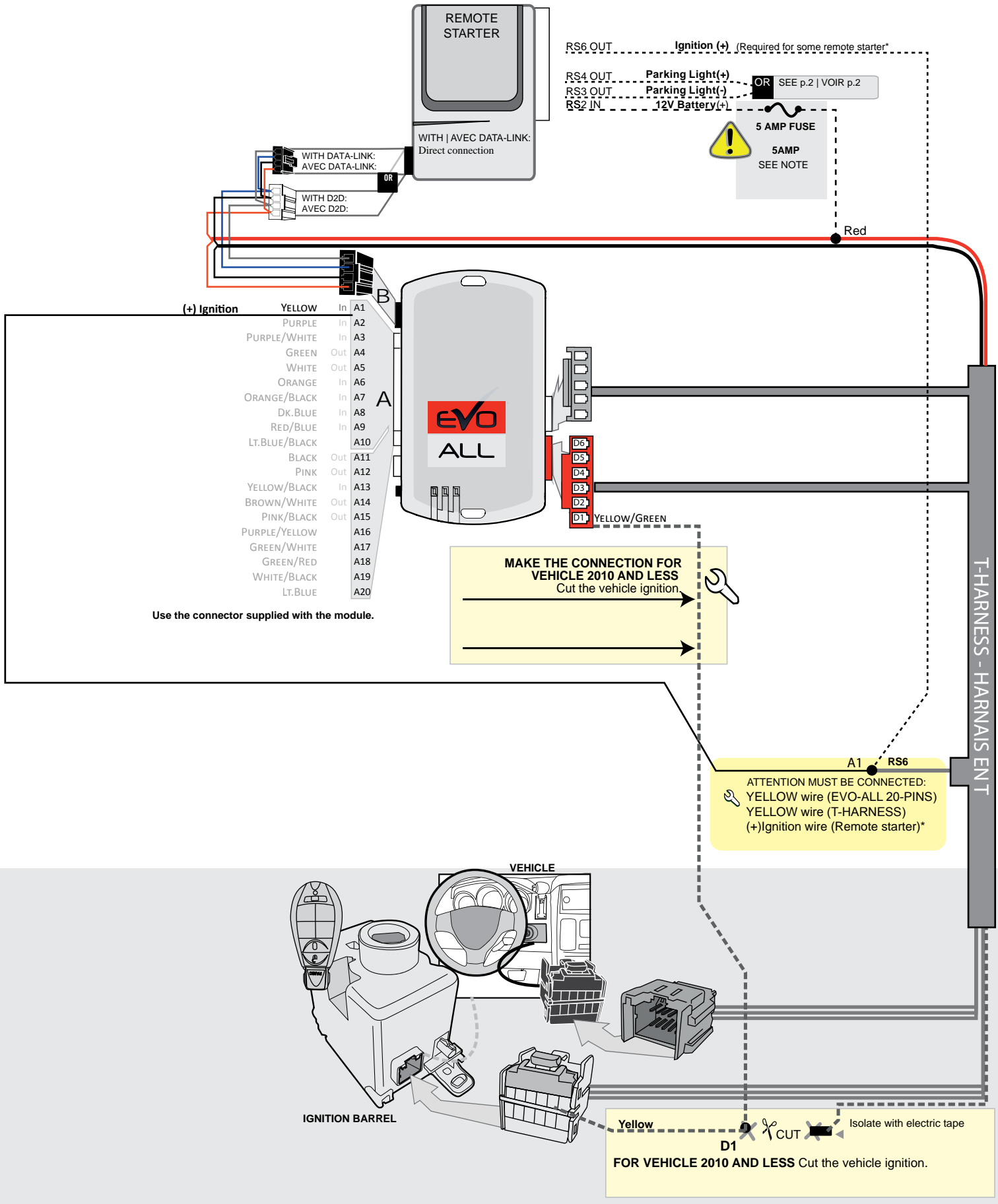
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

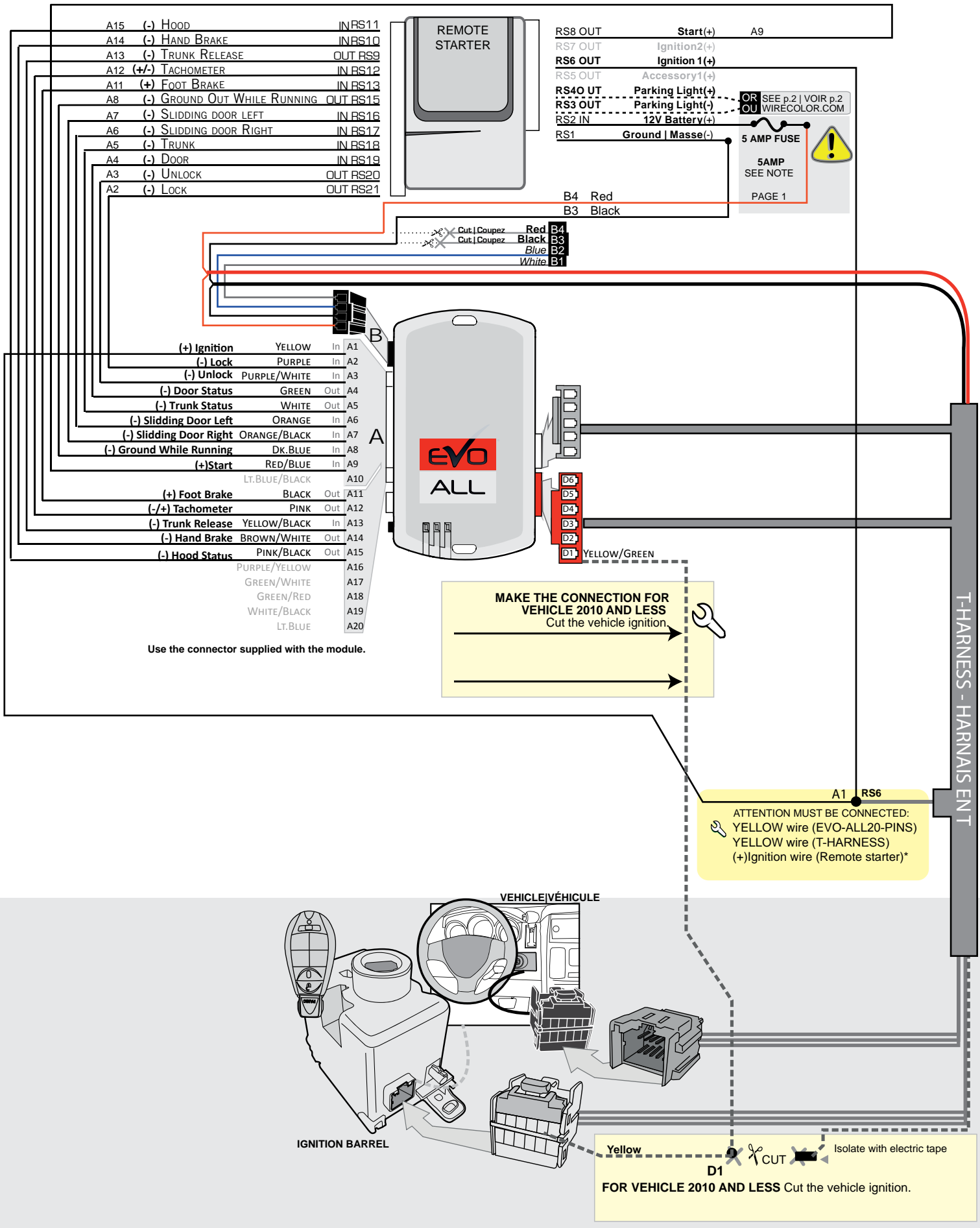
Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

DESCRIPTION

| | | | | OR | |
|-------------------|--------------------------------|------------------------|-----------------------|--|--|
| VEHICLE | YEARS | CAN HIGH | CAN LOW | (-)PARKING LIGHTS | (+)PARKING LIGHTS |
| CHRYSLER | | | | | |
| 300-300C | 2008-2010 | White/Black (Pin 5) | White/Lt.Blue (Pin 6) | (-) White/Brown Light switch harness. Needs 2k OHM resistor | (+) White/Purple Drivers kick panel |
| Town & Country | 2008-2014 | White/Blue (Pin 5) | White/Brown (Pin 6) | (-) White/Brown Light switch harness. Needs 1k OHM resistor | (+) White/Purple Drivers kick panel |
| DODGE | | | | | |
| Challenger | 2008-2014 | White/Black (Pin 5) | White/Lt.Blue (Pin 6) | (-) White/Brown Light switch harness. Needs 2K OHM resistor | (+) White/Purple Passenger kick panel |
| Charger | 2008-2010 | White/Orange (Pin 6) | White (Pin 7) | (-) White/Brown Light switch harness. Needs 1k OHM resistor | (+) White/Purple Passenger kick panel |
| Durango | 2011-2012 | White/Lt.Blue (Pin 5) | White.Brown (Pin 6) | (-) Pink/Red Park light harness. Needs 1.5K ohm resistor | (+) Pink/Red In junction connector kick panel |
| Grand Caravan | 2008-2010 | White/Lt.Blue (Pin 5) | White/Brown (Pin 6) | (-) White/Brown Light switch harness. Needs 1k OHM resistor | N/A |
| | 2011-2016 | White/Lt.Blue (Pin 5) | White/Grey (Pin 6) | (-) White/Green or White Brown Light switch harness. Needs 1K ohm resistor. | (+) White/Purple Drivers kick panel |
| Journey | 2009-2010 | White/Lt.Blue (Pin 5) | White/Brown (Pin 6) | N/A | (+) White/Purple Passenger kick panel |
| Magnum | 2008 | White/Black | White/Lt.Blue | (-) White/Brown Light switch | (+) White/Purple Passenger kick panel |
| RAM | 2009-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1k OHM resistor | N/A |
| JEEP | | | | | |
| Commander | 2008-2011 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) Relay Block Under Hood. At parking light relay. Must solder onto the leg of the relay. | N/A |
| Grand Cherokee | 2008-2013 | White/Lt.Blue (Pin 5) | White/Brown (Pin 6) | N/A | (+) White/Tan Driver Kick panel. |
| | <i>Push-to-Start</i> 2011-2013 | White/Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White/Green Light switch. Needs 1K OHM resistor | N/A |
| RAM | | | | | |
| 1500 | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| 2500 Gas Key | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| 2500 Diesel Key | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| 3500 Gas Key | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| 3500 Diesel Key | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| 4500 Gas Key | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| 4500 Diesel Key | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| 5500 | 2010-2012 | White/Lt.Green (Pin 5) | White/Lt.Blue (Pin 6) | (-) White Light switch harness. Needs 1K OHM resistor. | N/A |
| CV | 2010-2015 | White/Lt.Blue (Pin 5) | White/Grey (Pin 6) | (-) White/Green Light switch. Needs 1K OHM resistor | (+) White/Purple Drivers kick panel (relay required) |
| VOLKSWAGEN | | | | | |
| Routan | 2009-2013 | White/Lt.Blue (Pin 5) | White/Black (Pin 6) | (-) White/Brown Light switch harness. Needs 1k OHM resistor | (+) White/Purple Drivers kick panel |

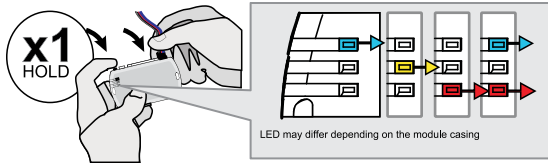


WIRING CONNECTION WITHOUT DATA-LINK



PROGRAMMING PROCEDURE |

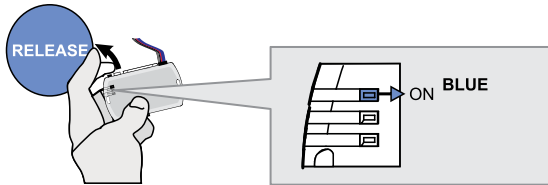
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

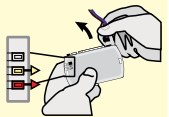
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

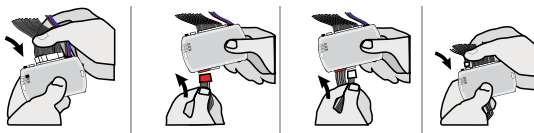


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

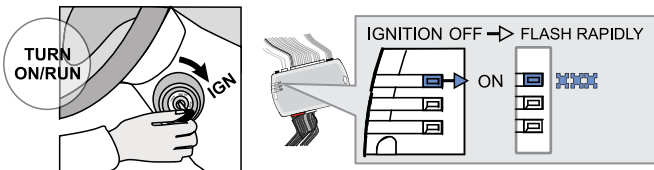


3



Insert the required remaining connectors.

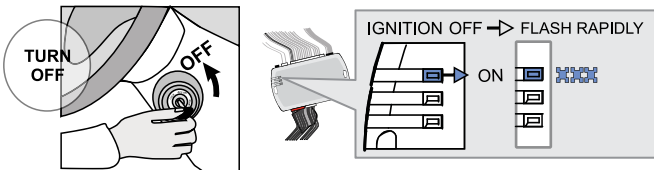
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

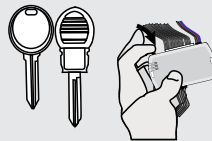
With OEM remote



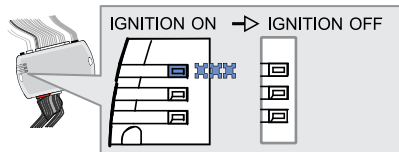
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

THAR-CHR4
THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|----------------------|-----------|--|-----------|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| DODGE Charger | | | | | | | | | | | | | | | |
| Grand Caravan | | | | | | | | | | | | | | | |
| Magnum | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| CV | 2008 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | |
| Routan | Gas 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|-------------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (if equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|--|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |


Parts required (Not included)

1X Resistor

NOTES 12V BATTERY | 12V BATTERIE
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

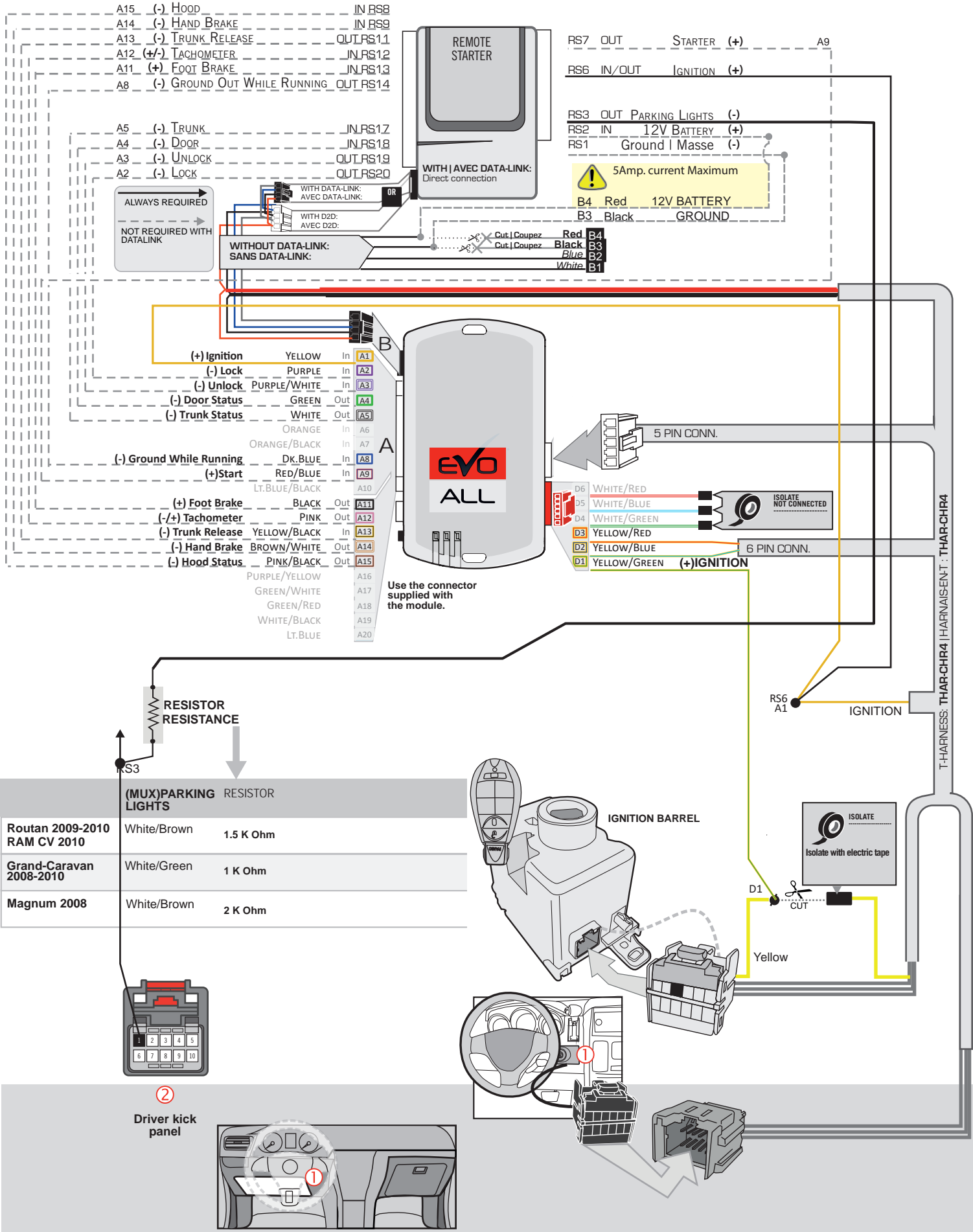
MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

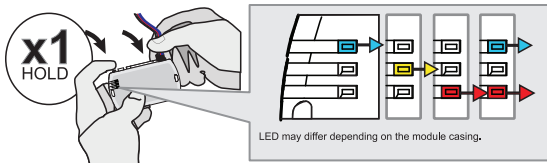
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

WIRING CONNECTION



PROGRAMMING PROCEDURE

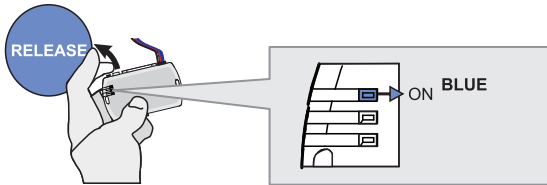
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

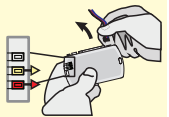
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2

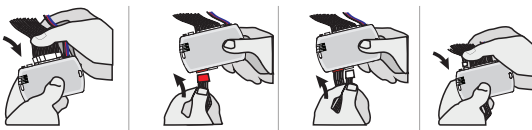


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

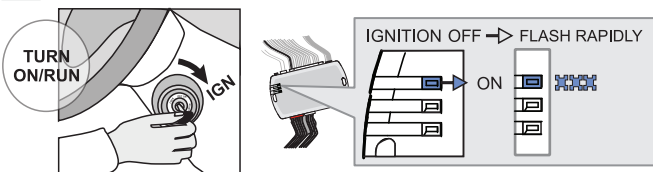


3



Insert the required remaining connectors.

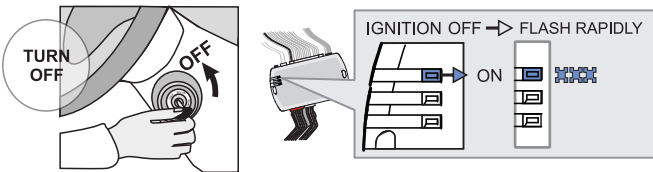
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



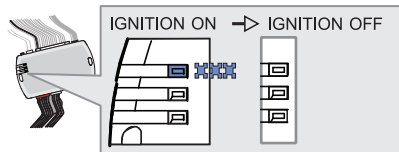
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



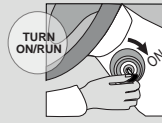
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.

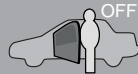


Press the brake pedal.



The vehicle can now be put in to gear and driven.

Vous êtes maintenant prêt à embrayer et prendre la route.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4

THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | |
|-------------|-------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| JEEP | | | | | | | | | | | | | | |
| Commander | 2011 | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (If equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |

NOTES 12V BATTERY

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MANDATORY INSTALL

*** HOOD PIN**

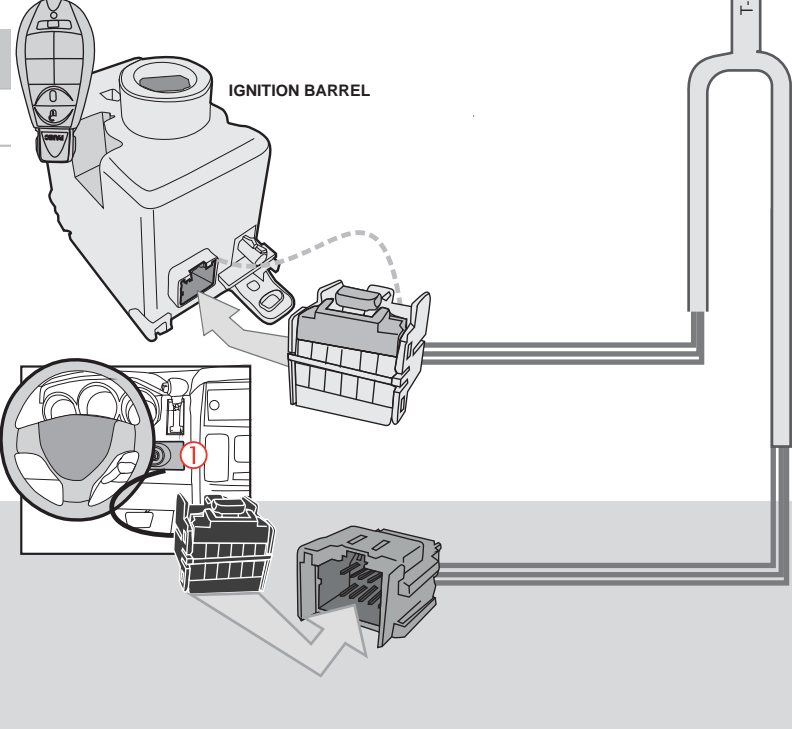
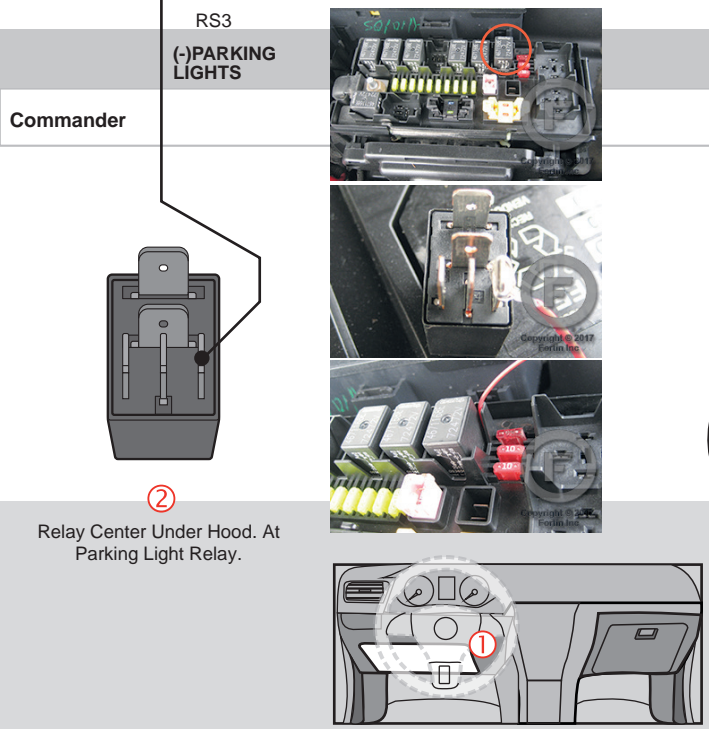
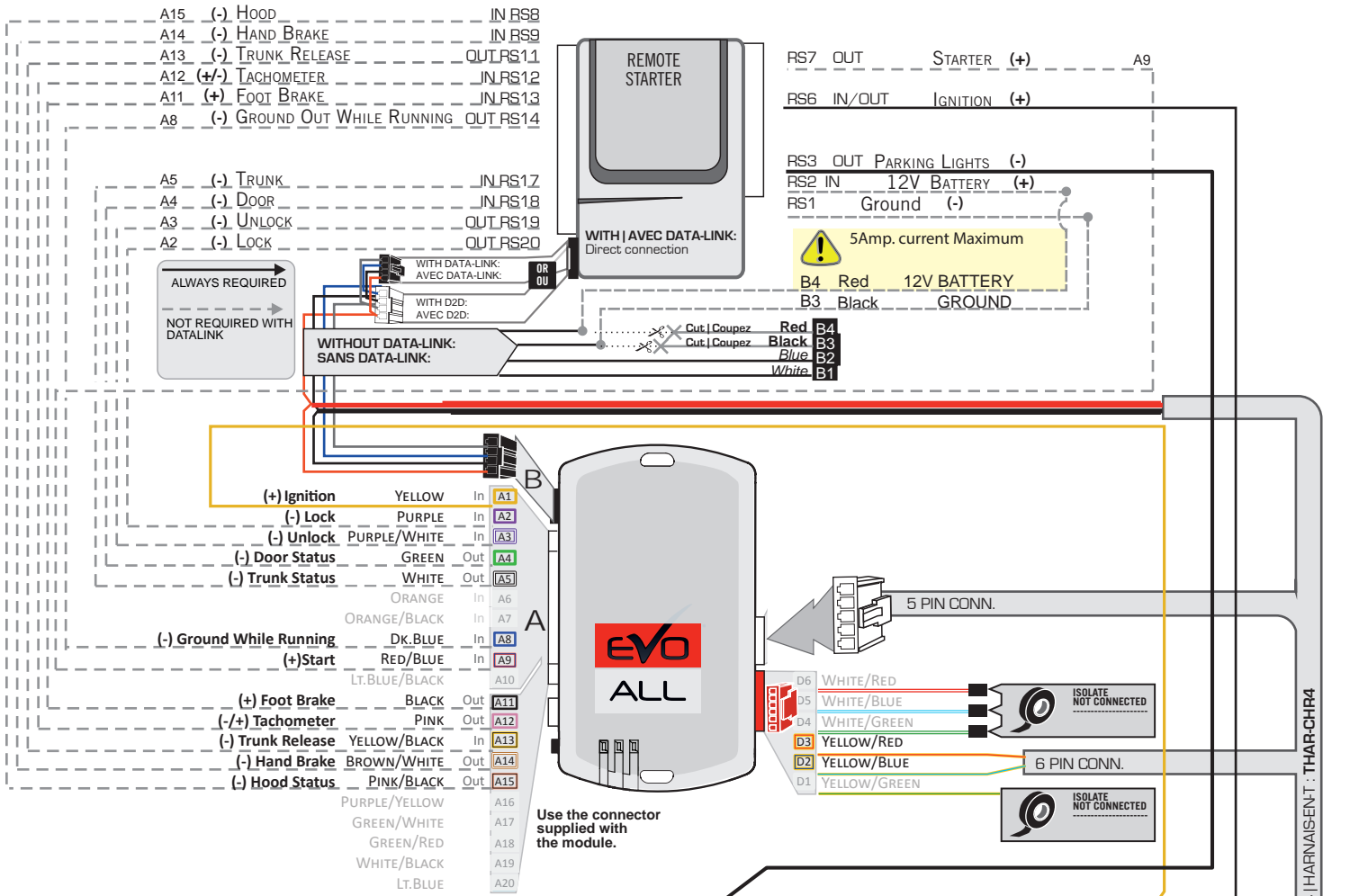


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Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

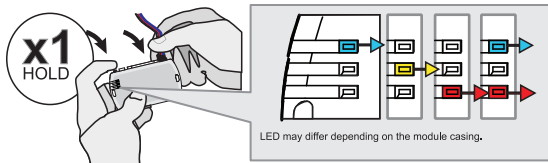
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

WIRING CONNECTION



PROGRAMMING PROCEDURE

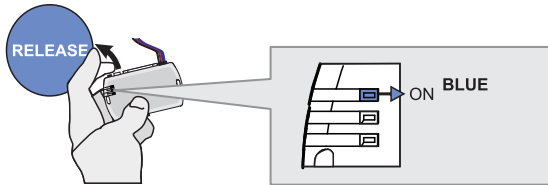
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

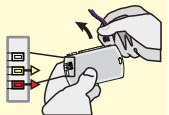
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

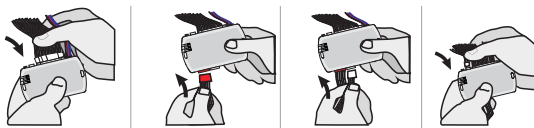


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

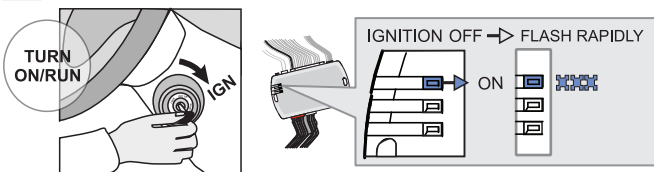


3



Insert the required remaining connectors.

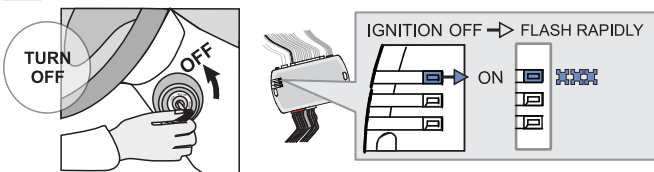
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



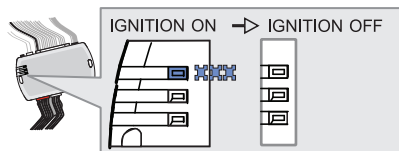
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



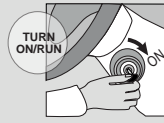
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



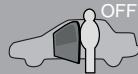
Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | |
|----------------|-----------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| JEEP | | | | | | | | | | | | | |
| Commander | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • |
| Grand Cherokee | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|-------------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (if equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|--|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |

NOTES 12V BATTERY
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

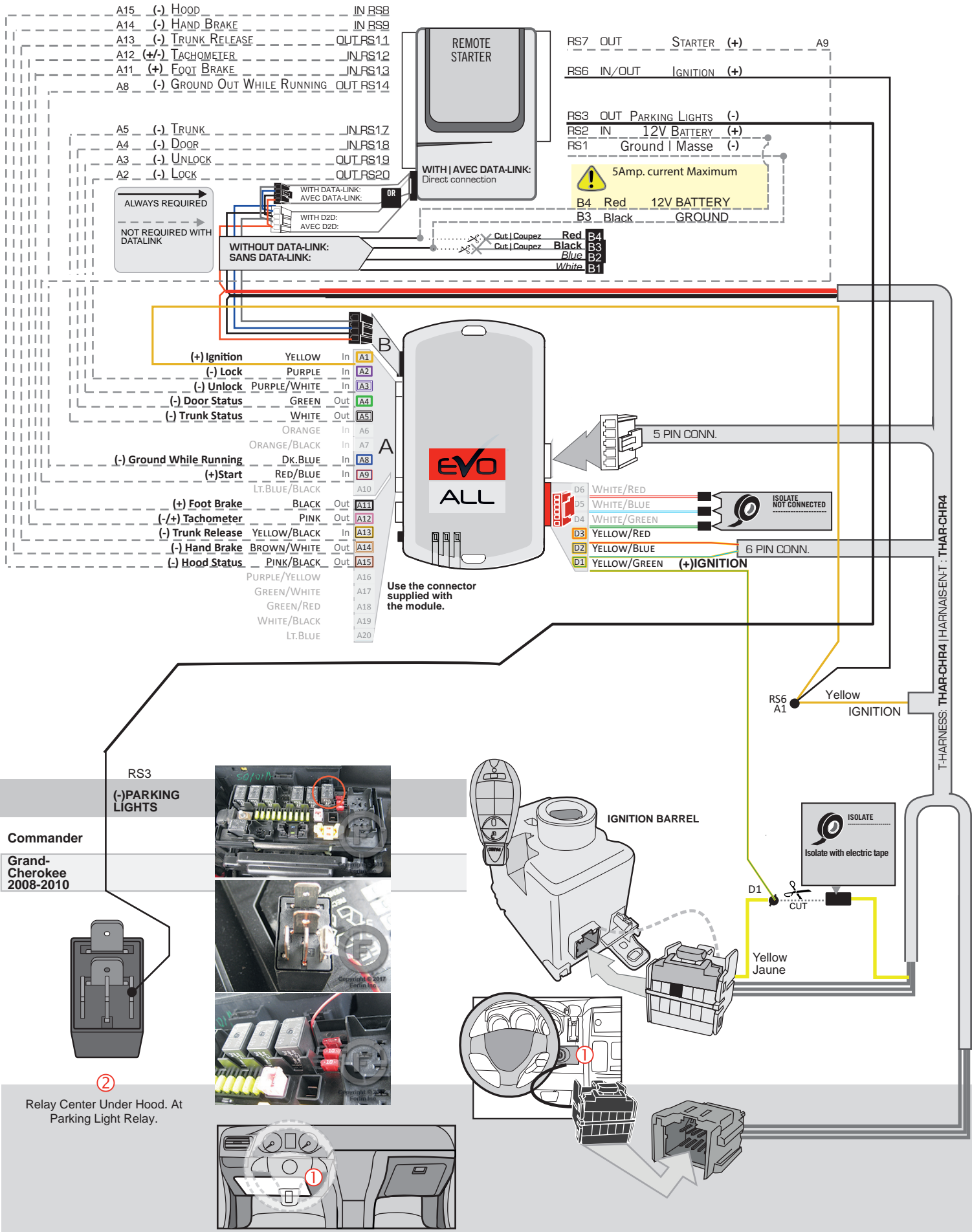
MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

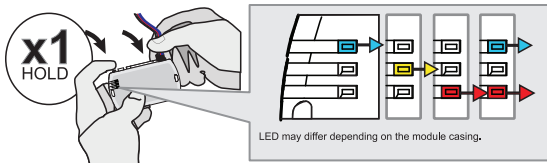
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

WIRING CONNECTION



PROGRAMMING PROCEDURE

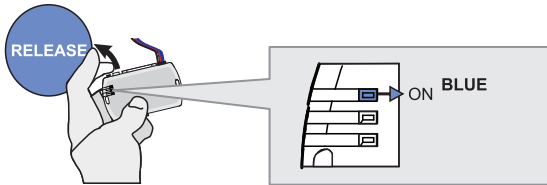
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

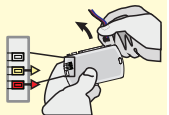
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

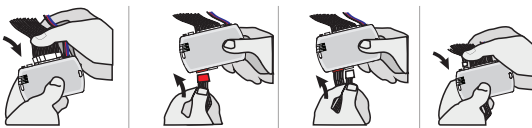


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

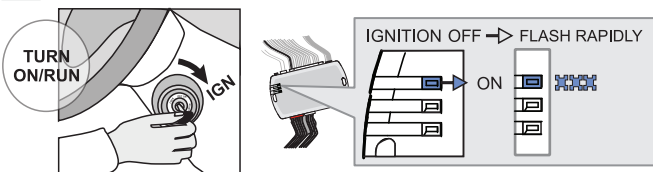


3



Insert the required remaining connectors.

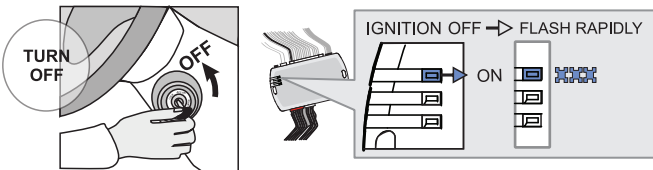
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



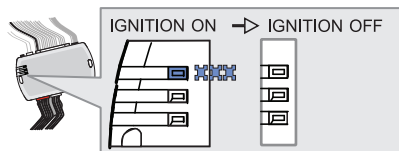
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



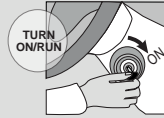
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | |
|----------------|--------------------------------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| DODGE | | | | | | | | | | | | | | |
| Durango | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| JEEP | | | | | | | | | | | | | | |
| Grand Cherokee | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | <i>Push-to-Start</i> 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | |
| CV | Gas 2011-2015 | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|-------------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (if equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|--|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |


Parts required (Not included)

1X Resistor

NOTES 12V BATTERY
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

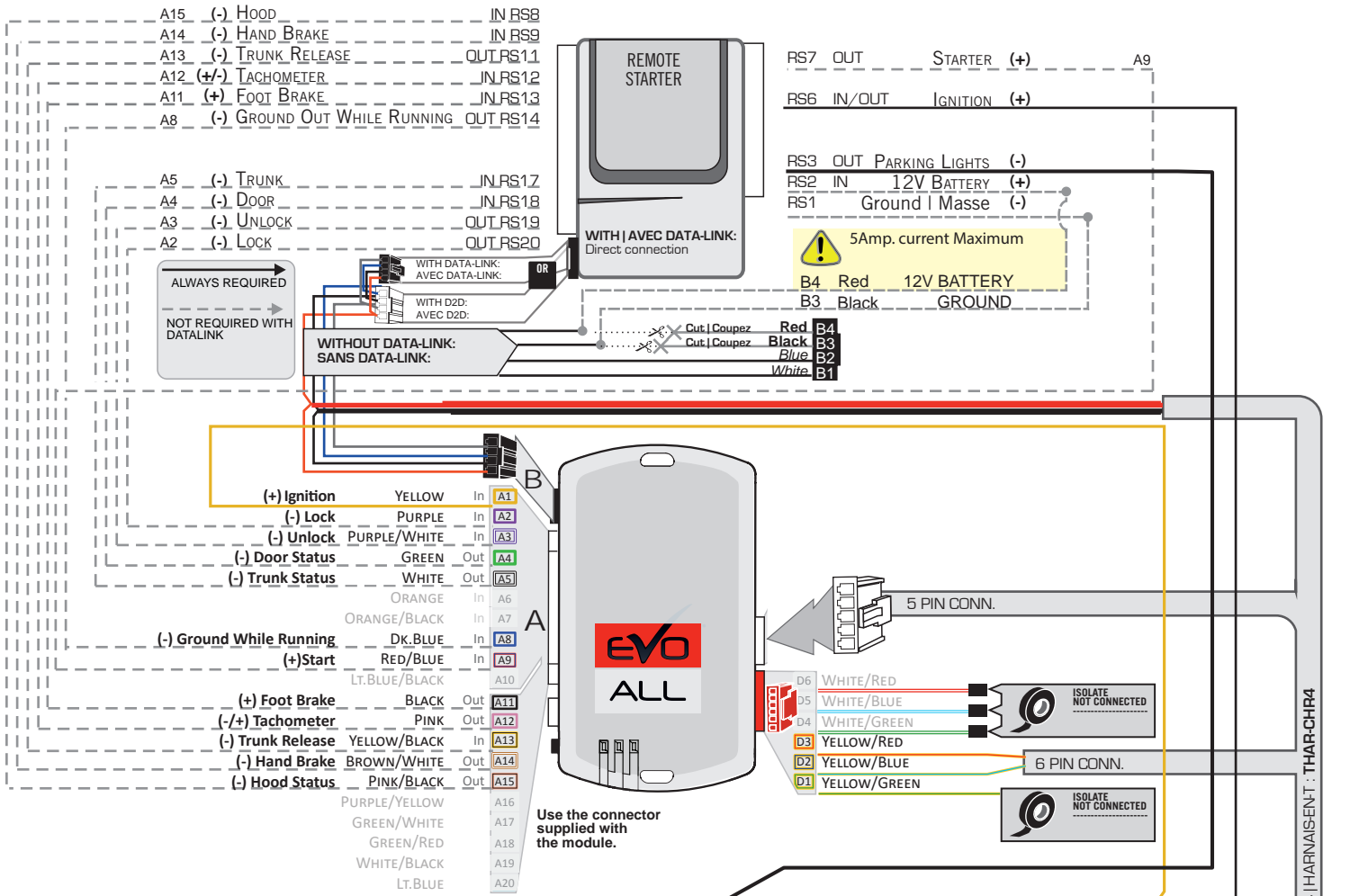
MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

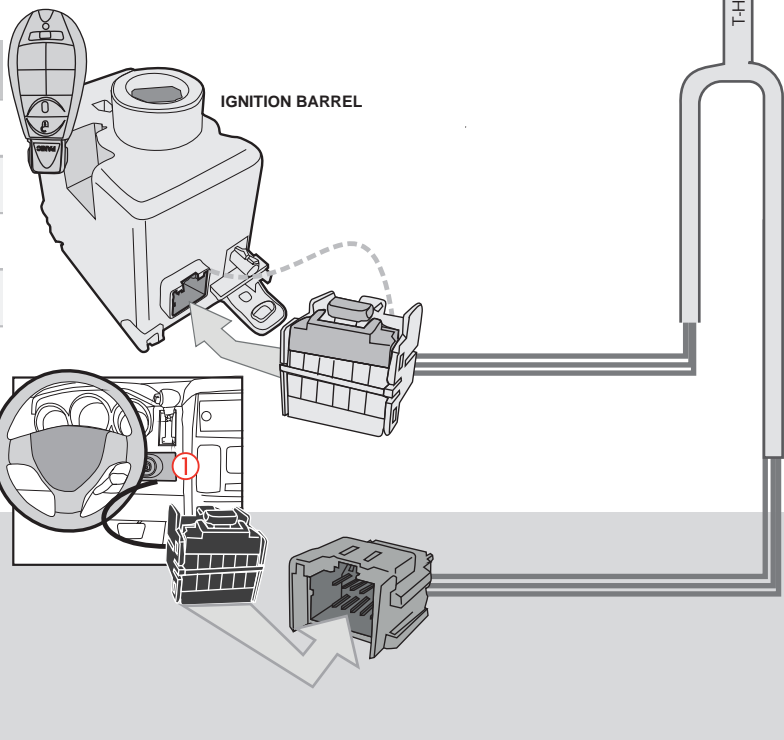
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

WIRING CONNECTION



RESISTOR

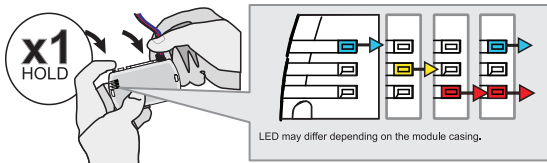
| | (MUX) PARKING LIGHTS | RESISTOR |
|--------------------|----------------------|-----------|
| RAM CV 2011-2015 | White/Green | 1 K Ohm |
| Durango | White/Green | 1.5 K Ohm |
| Grand-Cherokee PTS | White/Green | 1.5 K Ohm |
| Grand-Cherokee | White/Tan | 1 K Ohm |



T-HARNES: THAR-CHR4 | HARNASMENT : THAR-CHR4

PROGRAMMING PROCEDURE

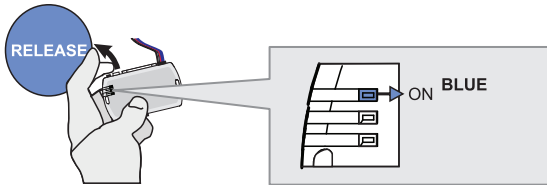
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

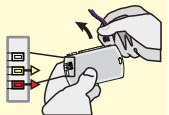
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

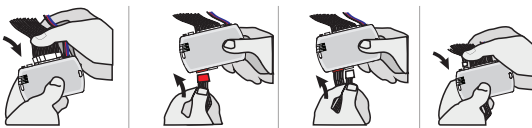


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

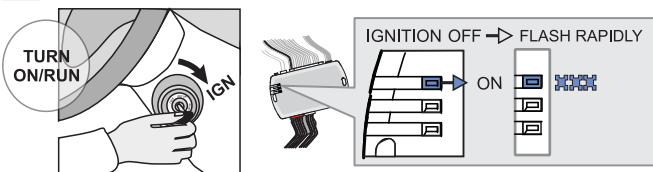


3



Insert the required remaining connectors.

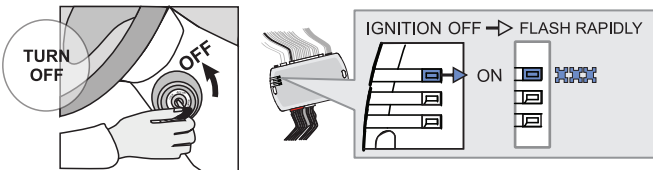
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



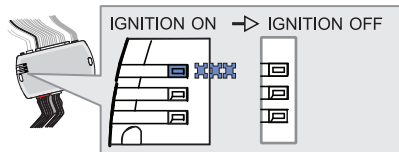
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



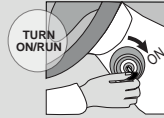
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



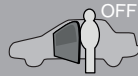
Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE VEHICULES | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-------------------|--------------------------------|--|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| | | Immobilizer bypass | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| 300-300C | 2008-2010 | • | • | • | • | • | | • | | • | | | • | • | • |
| Town & Country | 2008-2014 | • | • | • | • | • | | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Challenger | 2008-2014 | • | • | • | • | • | | • | | • | • | • | • | • | • |
| Charger | 2008-2010 | • | • | • | • | • | | • | | • | | | • | • | • |
| Durango | 2011-2012 | • | • | • | • | • | • | | | • | • | • | • | • | • |
| Grand Caravan | 2008-2014 | • | • | • | • | • | • | | • | • | • | • | • | • | • |
| Journey | 2009-2010 | • | • | • | • | • | | • | | • | • | • | • | • | • |
| Magnum | 2008 | • | • | • | • | • | • | | • | • | • | • | • | • | • |
| RAM | 2009-2012 | • | • | • | • | • | | | | • | • | | • | • | • |
| JEEP | | | | | | | | | | | | | | | |
| Commander | 2008-2011 | • | • | • | • | • | • | | | • | • | • | • | • | • |
| Grand Cherokee | 2008-2013 | • | • | • | • | • | • | | | • | • | • | • | • | • |
| | <i>Push-to-Start</i> 2011-2013 | • | • | • | • | • | • | | | • | • | • | • | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | |
| Routan | 2009-2013 | • | • | • | • | • | | • | • | • | • | • | • | • | • |

| | | |
|--|--|------------------|
| | HARDWARE VERSION | FIRMWARE VERSION |
| | MINIMUM 6 | 74.[25] |
| | CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | |

NOTES 12V BATTERY
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

PARTS REQUIRED (NOT INCLUDED)



FLASH LINK UPDATER 2

FLASH LINK MANAGER
SOFTWARE | PROGRAMME



Microsoft Windows Computer
(Internet connection required)

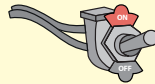


MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH






VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION



| | | UNIT OPTION | DESCRIPTION |
|---|--|-----------------|---------------------------------------|
|  | Program bypass option: | D1 | OEM Remote Stand Alone Remote Starter |
| | | | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |

REMOTE STARTER FUNCTIONNALITY




All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
or use the package RSPB, Sold separately.

WARNING | ATTENTION



REMOTE STARTER

THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

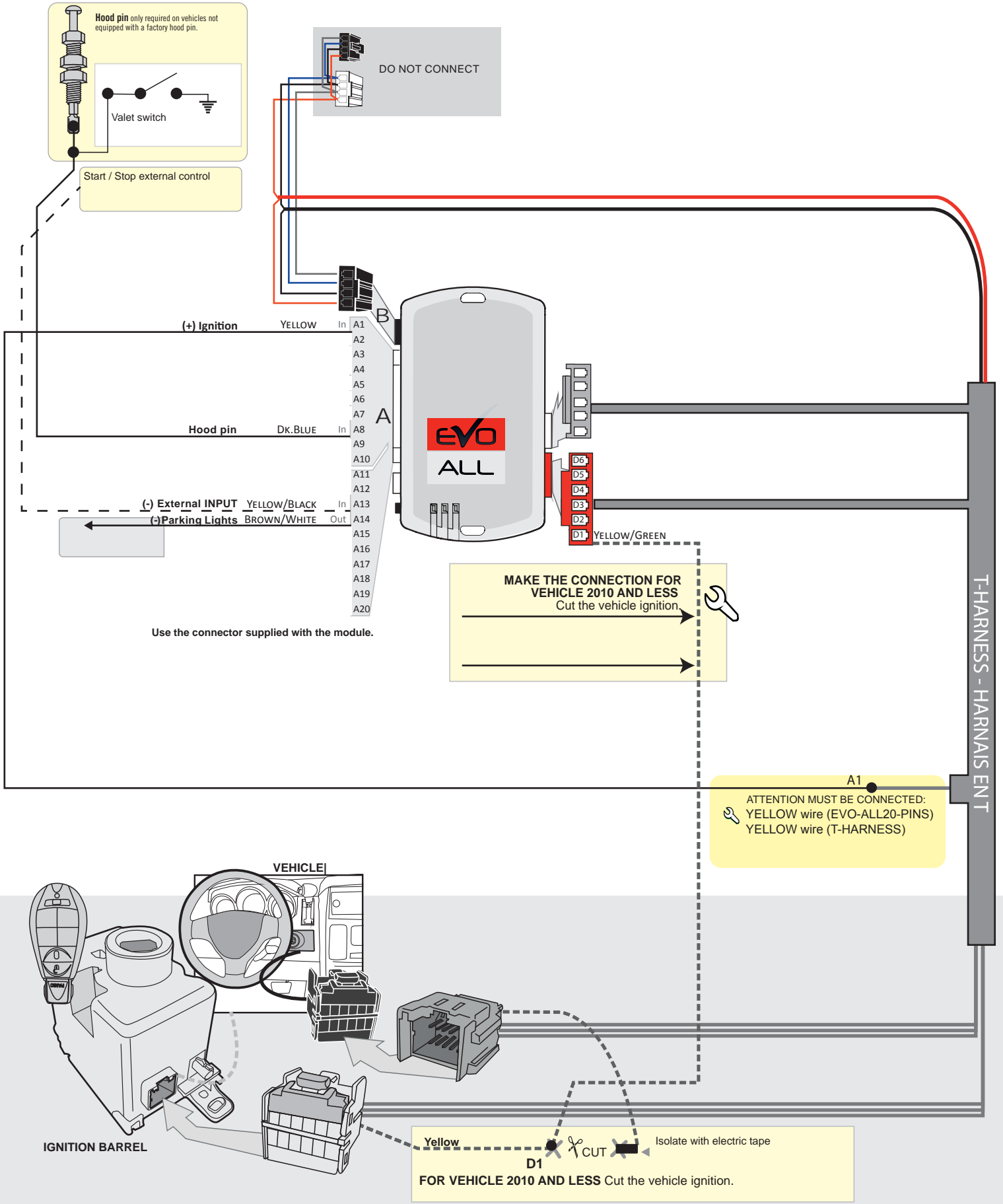
DESCRIPTION |

WIRECOLOR

COULEURS DE FIL

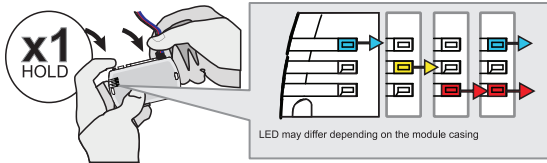
| CHRYSLER | | PARKING LIGHT | |
|----------------------|------------------|----------------------|--|
| 300-300C | (-)PARKING LIGHT | WHITE/BROWN | PARKING LIGHT SWITCH HARNESS 2K OHM RESISTOR |
| Town & Country | (-)PARKING LIGHT | WHITE/BROWN | PARKING LIGHT HARNESS 1K OHM RESISTOR |
| DODGE | | PARKING LIGHT | |
| Challenger | (-)PARKING LIGHT | WHITE/BROWN | PARKING LIGHT SWITCH HARNESS 2K OHM RESISTOR |
| Charger | (-)PARKING LIGHT | WHITE/BROWN | PARKING LIGHT HARNESS 1K OHM RESISTOR |
| Durango | (-)PARKING LIGHT | PINK/RED | PARKING LIGHT HARNESS 1.5K OHM RESISTOR |
| Grand Caravan | (-)PARKING LIGHT | WHITE/GREEN | PARKING LIGHT HARNESS 1K OHM RESISTOR |
| Journey | (+)PARKING LIGHT | WHITE/PURPLE | PASSENGER RUNNING BOARD HARNESS |
| RAM | (-)PARKING LIGHT | WHITE | PARKING LIGHT HARNESS 1K OHM RESISTOR |
| JEEP | | PARKING LIGHT | |
| Commander | (-)PARKING LIGHT | RELAY CENTER | UNDER HOOD |
| Grand Cherokee | (+)PARKING LIGHT | WHITE/TAN | DRIVER KICK PANEL |
| <i>Push-to-Start</i> | (+)PARKING LIGHT | WHITE/TAN | DRIVER KICK PANEL |
| VOLKSWAGEN | | PARKING LIGHT | |
| Routan | (+)PARKING LIGHT | RED AND OPEN GREY | RED |

WIRING CONNECTION



PROGRAMMING PROCEDURE |

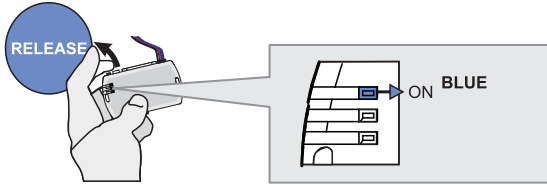
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

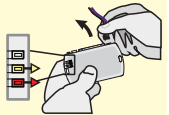
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

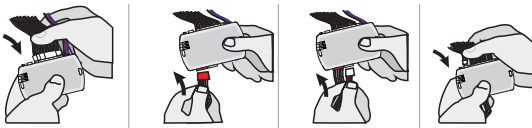


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

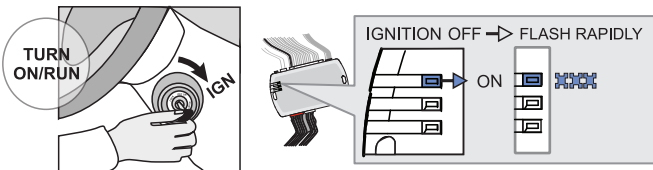


3



Insert the required remaining connectors.

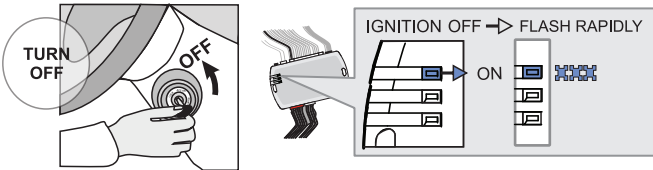
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



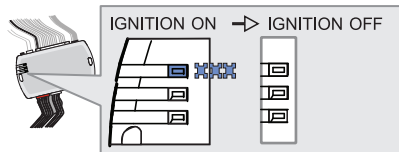
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

THAR-CHR4

THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | |
|--------------|-----------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Trunk (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| DODGE | | | | | | | | | | | | | | |
| Journey | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (If equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |

NOTES 12V BATTERY | 12V BATTERIE

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

*** HOOD PIN**

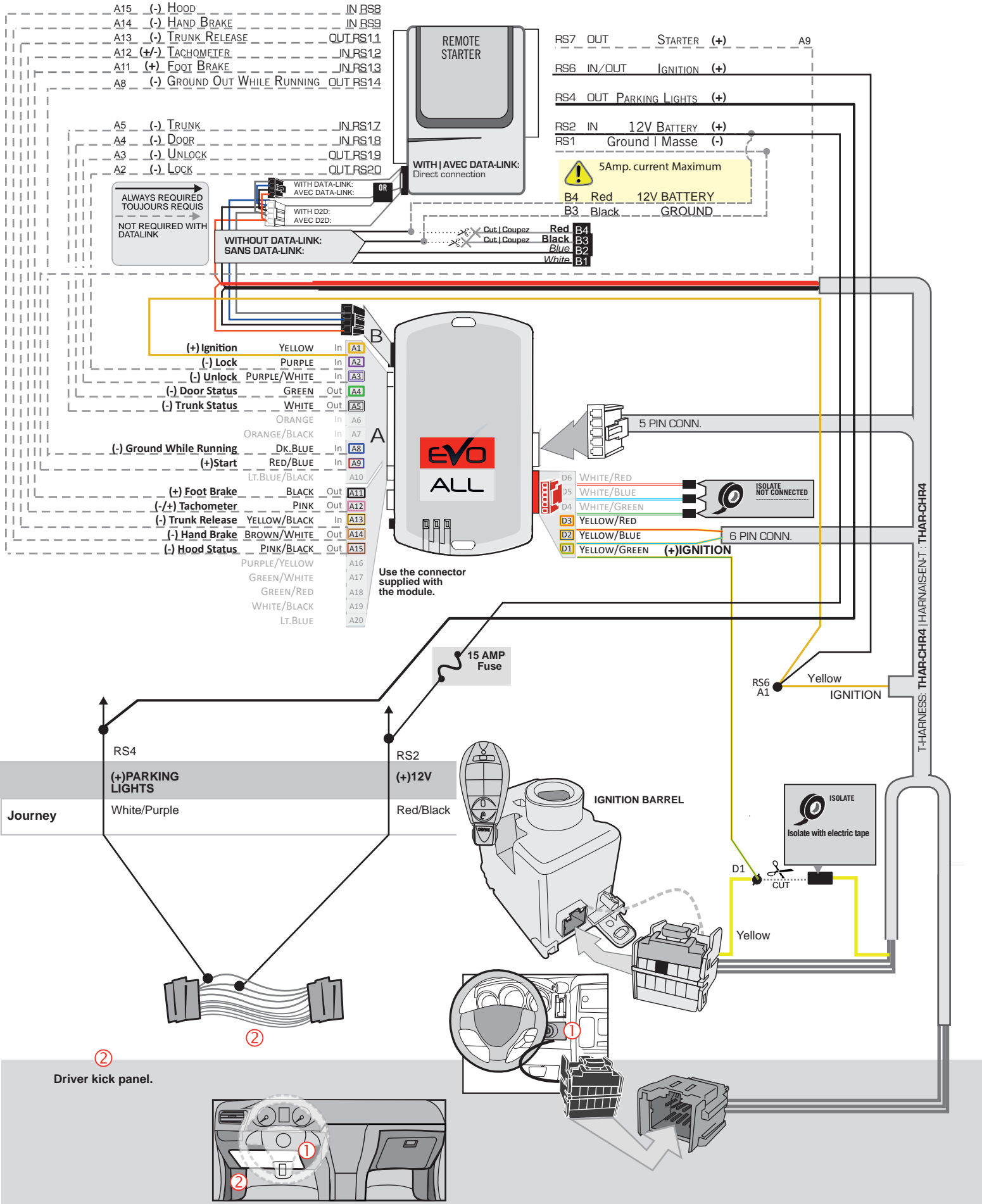


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

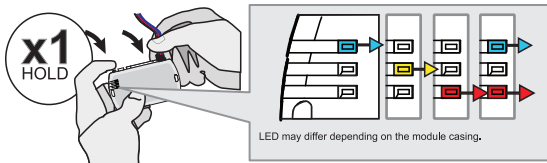
THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

WIRING CONNECTION



PROGRAMMING PROCEDURE

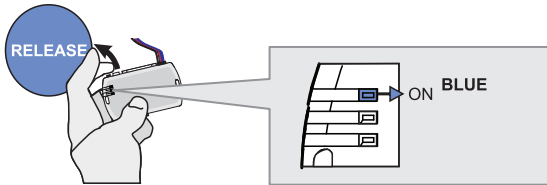
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

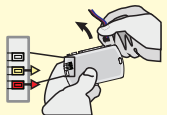
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

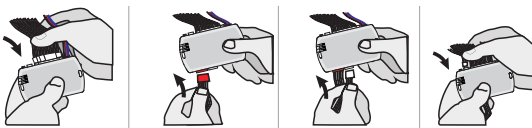


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

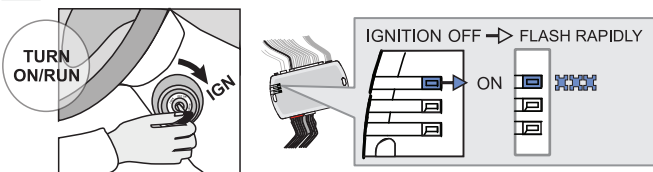


3



Insert the required remaining connectors.

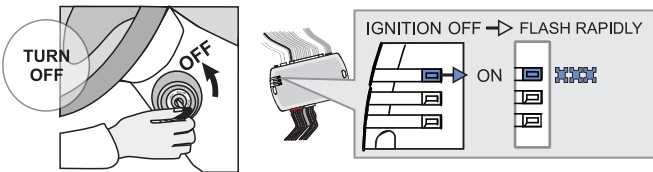
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



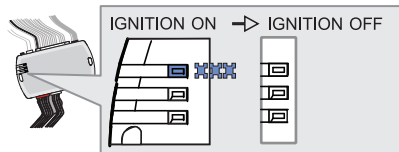
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



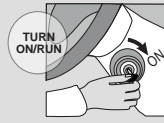
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



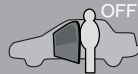
Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | |
|-------------------|------------------|--|-----------|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| CHRYSLER | | | | | | | | | | | | | | | |
| Town & Country | 2011-2016 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | |
| Challenger | 2011-2014 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grand Caravan | 2011-2019 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | Gas 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | Diesel 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | | |
| 1500/2500 | Diesel 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 3500/4500 | Gas 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 5500 | | | | | | | | | | | | | | | |
| VOLKSWAGEN | | | | | | | | | | | | | | | |
| Routan | 2011-2014 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (if equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |


Parts required (Not included)

1X Resistor

Pièce(s) requise(s) (Non incluse(s))

1X Résistance

NOTES 12V BATTERY
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

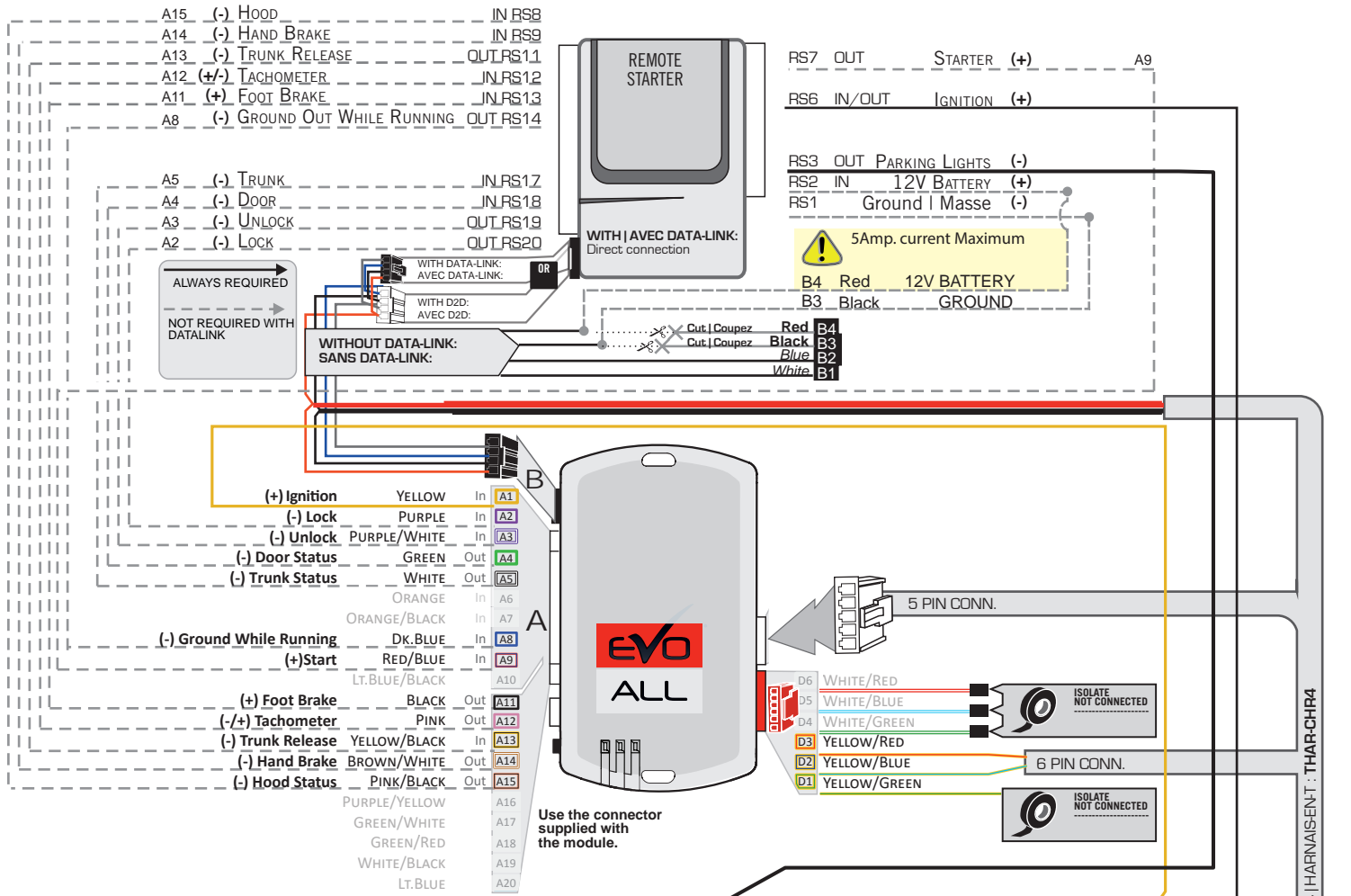
MANDATORY INSTALL
*** HOOD PIN**


HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

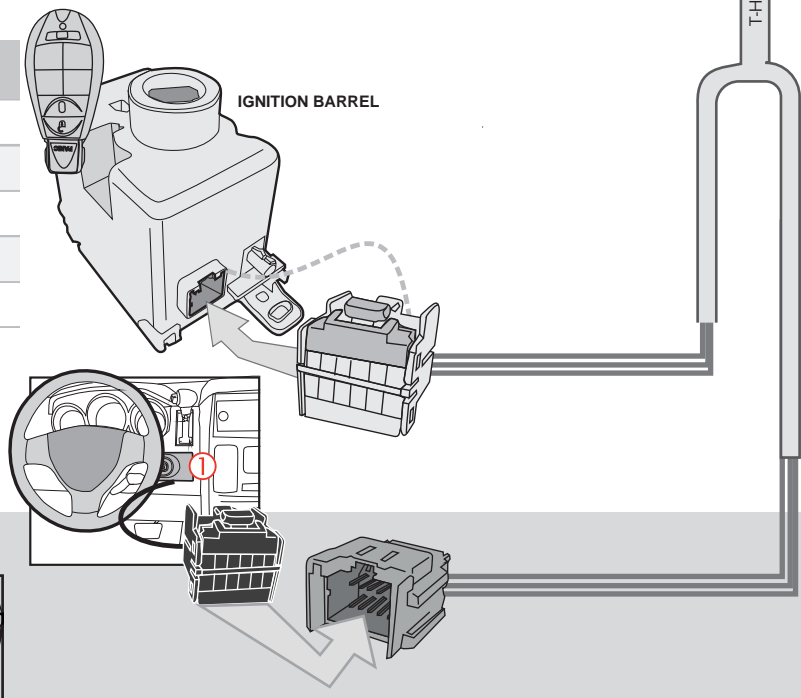
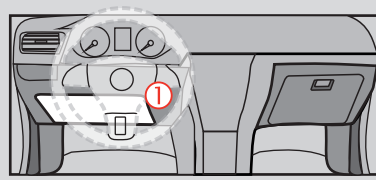
WIRING CONNECTION



| | (MUX) PARKING LIGHTS | RESISTOR RESISTANCE |
|-------------------------|----------------------|---------------------|
| Town & Country 2011 - & | White/Green | 1.5 K Ohm |
| Challenger | White/Brown | 2 K Ohm |
| RAM | White | 1.5 K Ohm |
| Grand-Caravan | White/Green | 1.5 K Ohm |
| Routan | White/Brown | 1.5 K Ohm |

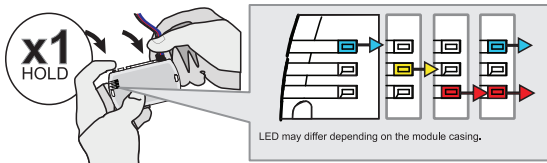


② Driver kick panel
Panneau latérale côté conducteur



PROGRAMMING PROCEDURE

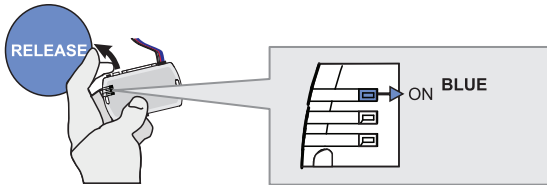
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

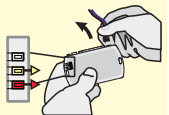
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2

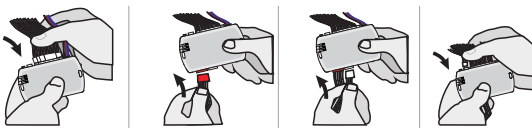


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

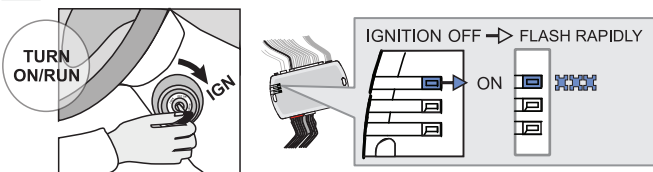


3



Insert the required remaining connectors.

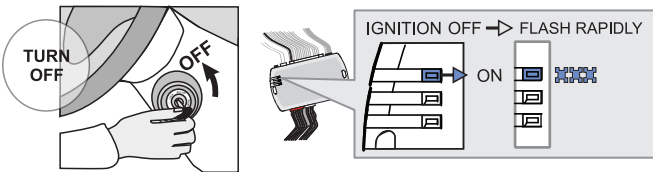
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



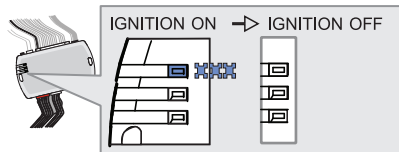
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



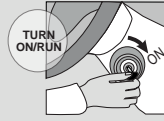
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



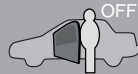
Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4

THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

Vehicle functions supported in this diagram (functional if equipped)

| VEHICLE | YEARS | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
|-----------------|------------------|--------------------|-----------|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| CHRYSLER | | | | | | | | | | | | | | | | |
| 300-300C | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Town & Country | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | | |
| Challenger | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | Gas 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | Diesel 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | | | |
| 1500/2500 | Diesel 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 3500/4500 | Gas 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 5500 | | | | | | | | | | | | | | | | |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| UNIT OPTION | DESCRIPTION |
|-------------|--|
| C1 | OEM Remote status (Lock/Unlock) monitoring |
| | |

Program bypass option:

| UNIT OPTION | DESCRIPTION |
|-------------|---|
| D2 | Unlock before / Lock after (Disarm OEM alarm) |
| | |

Program bypass option (If equipped with OEM alarm):



Parts required (Not included)
1X Resistor

NOTES 12V BATTERY

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

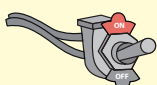
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH

Part #: RSPB available, Sold separately.


Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

Notice: l'installation des éléments de sécurité est obligatoire. Le contact de capot et le ommutateur de valet sont des éléments de sécurité essentiels et doivent absolument être installés.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|---|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED


| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

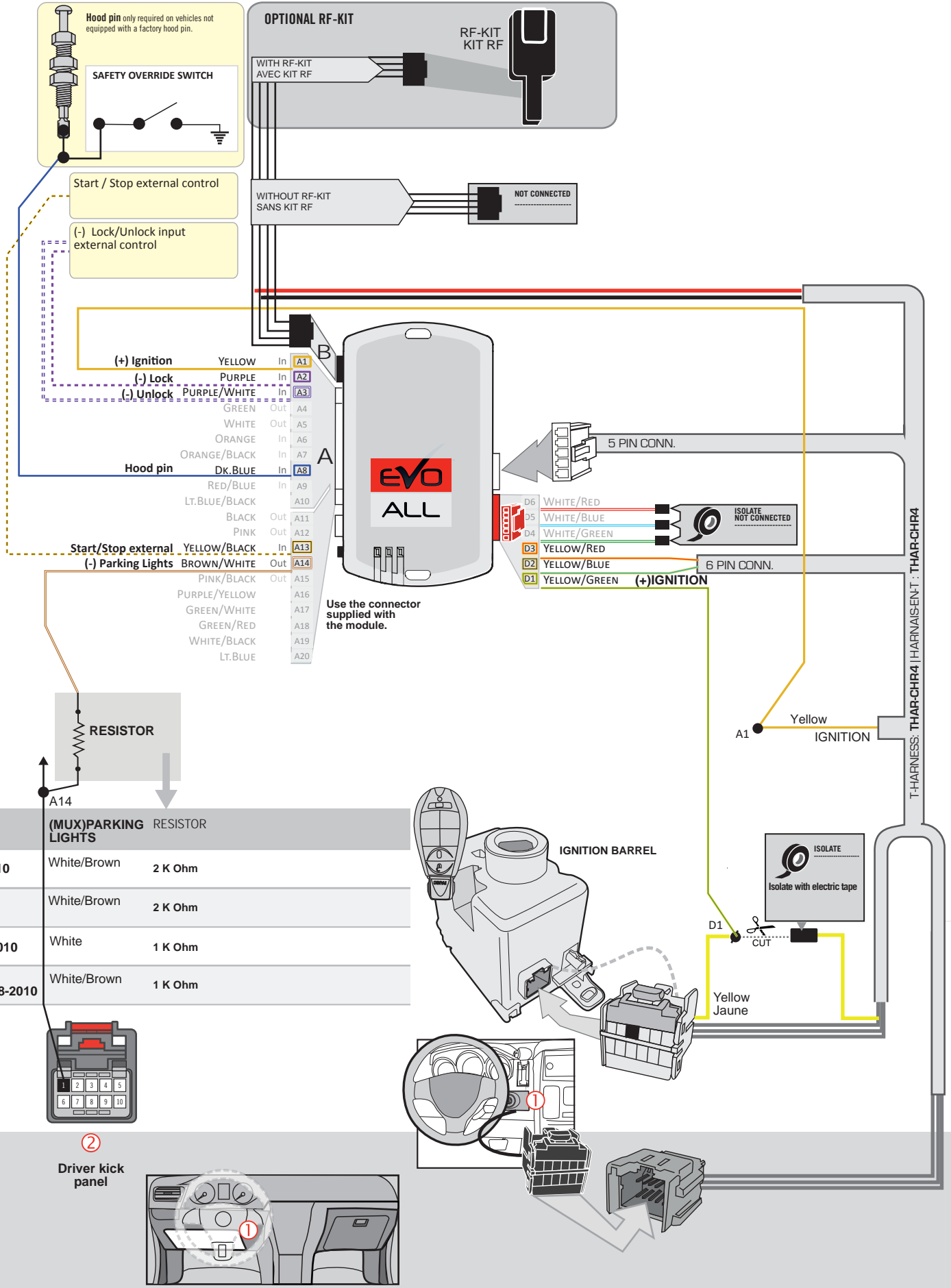
WARNING | ATTENTION



REMOTE STARTER

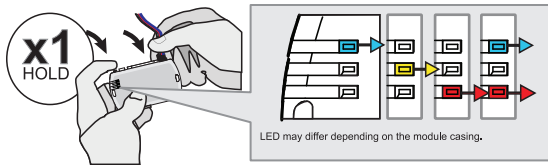
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

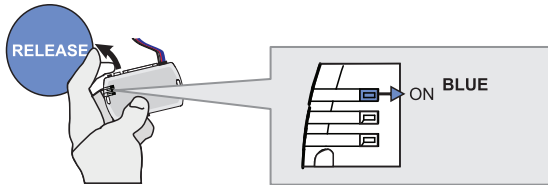
1



Press and hold the programming button:
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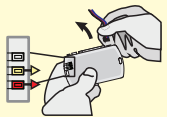
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2

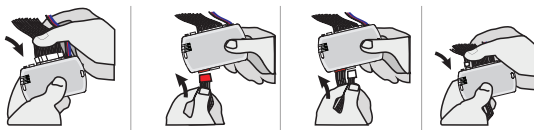


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

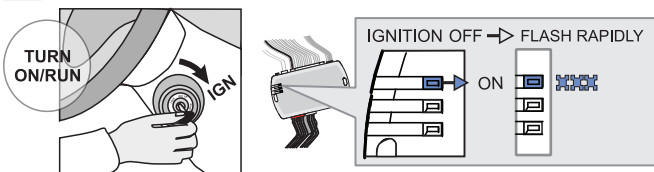


3



Insert the required remaining connectors.

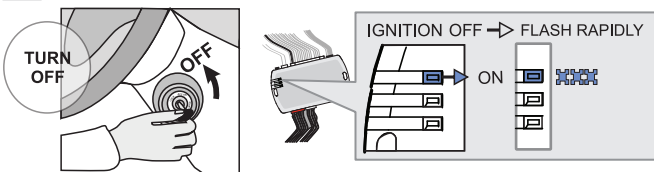
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Turn the key to the Ignition ON/RUN position.

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Turn the key to the OFF position.

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6

With OEM remote



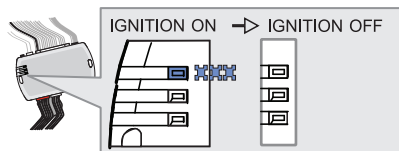
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REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



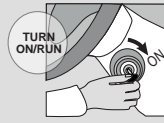
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Unlock the doors with the remote-starter remote or the OEM remote.



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Press the brake pedal.



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THAR-CHR4
THARNNESS STAND ALONE INSTALLATION

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|----------------------|-----------|--|-----------|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| DODGE Charger | | | | | | | | | | | | | | | |
| Grand Caravan | | | | | | | | | | | | | | | |
| Magnum | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| CV | 2008 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | |
| Routan | Gas 2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 2009-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
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| UNIT OPTION | DESCRIPTION |
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| D2 | Unlock before / Lock after (Disarm OEM alarm) |
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Program bypass option (If equipped with OEM alarm):



Parts required (Not included)
1X Resistor

NOTES 12V BATTERY

ATTENTION THE T-HARNNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer
 with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone *Android* or *iOS* with Internet
 connection (*provider charges may apply*).

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH

VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|--------------------------------|---|
| | OEM Remote Stand Alone Remote Starter: | OR D1.10 D1.1 | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

START

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD

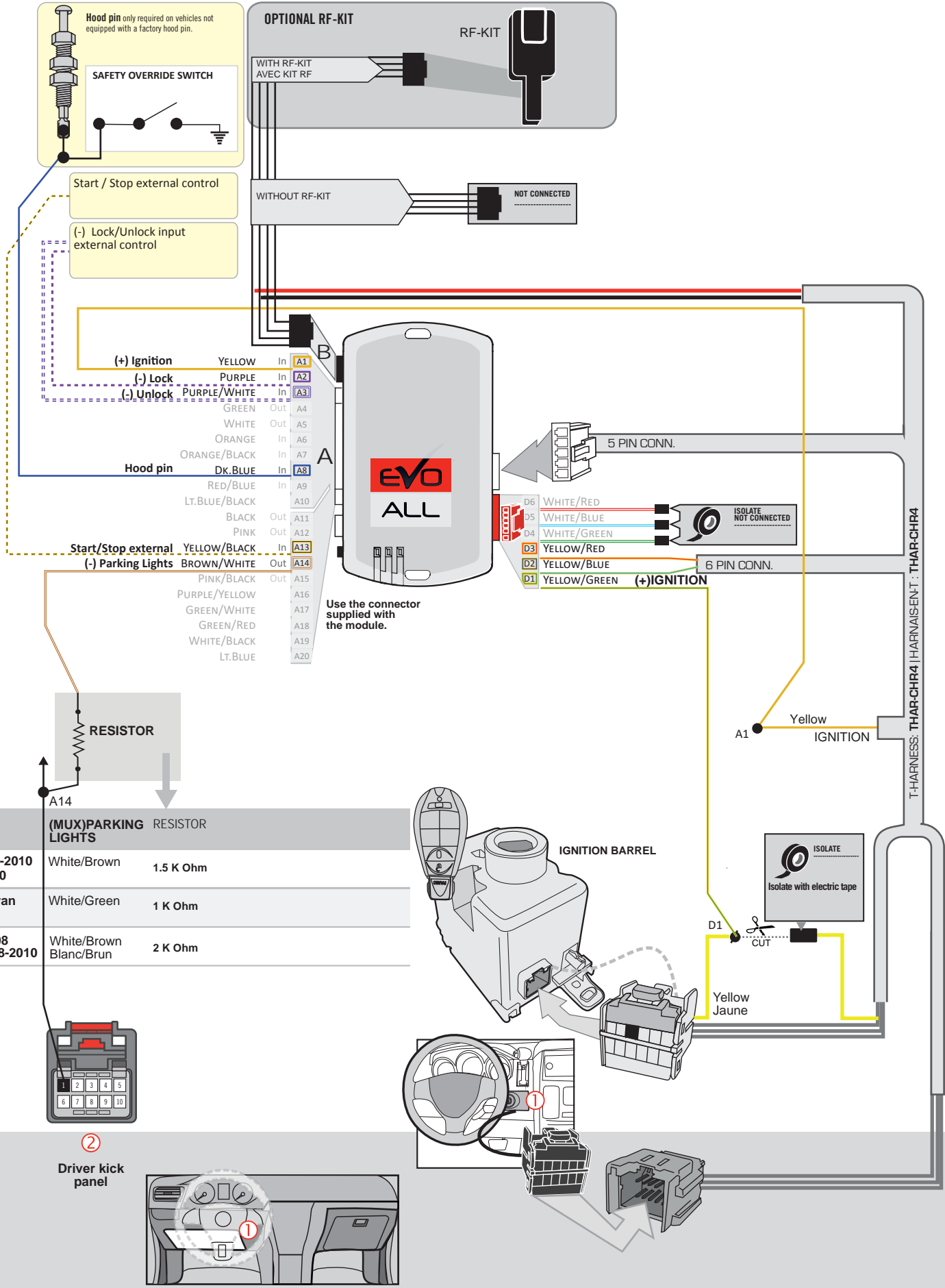
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package **RSPB**, Sold separately.

WARNING | ATTENTION

REMOTE STARTER

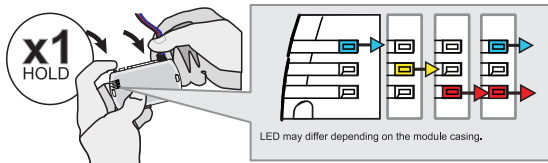
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

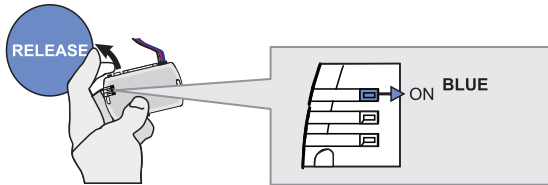
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

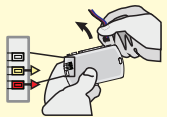
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

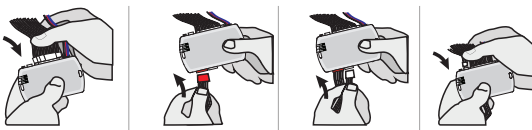


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

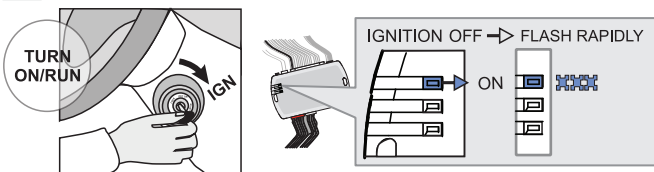


3



Insert the required remaining connectors.

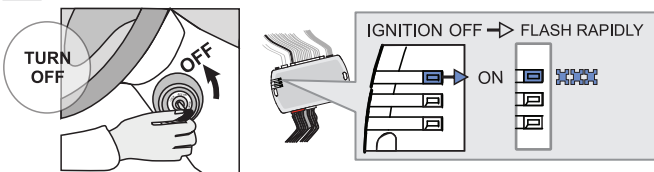
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



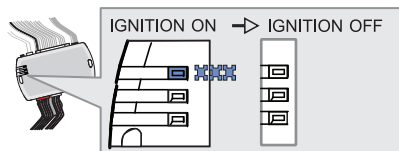
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



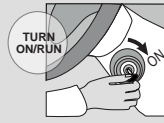
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | |
|-------------|-------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| JEEP | | | | | | | | | | | | | |
| Commander | 2011 | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (If equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |

NOTES 12V BATTERY
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
*** HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

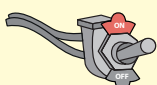
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



START

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
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REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

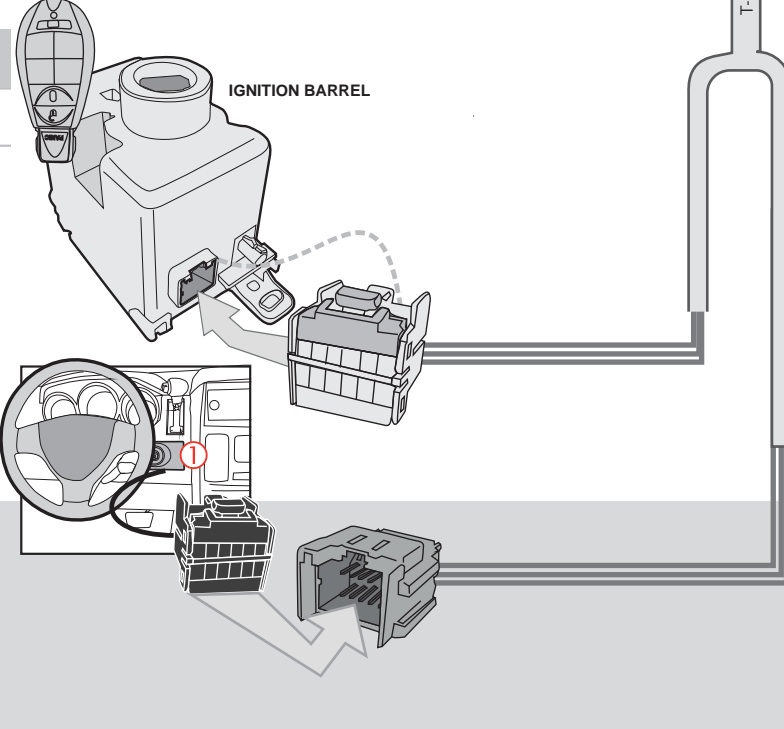
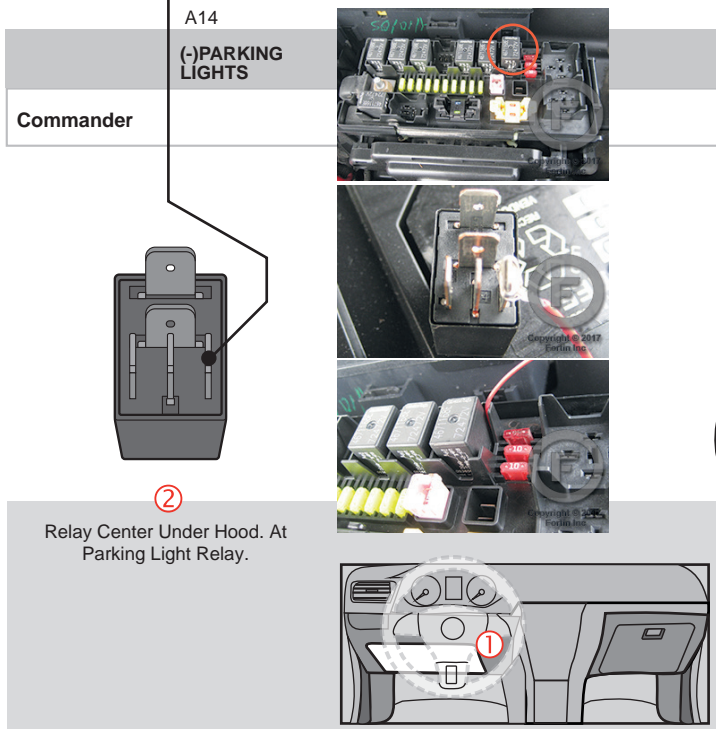
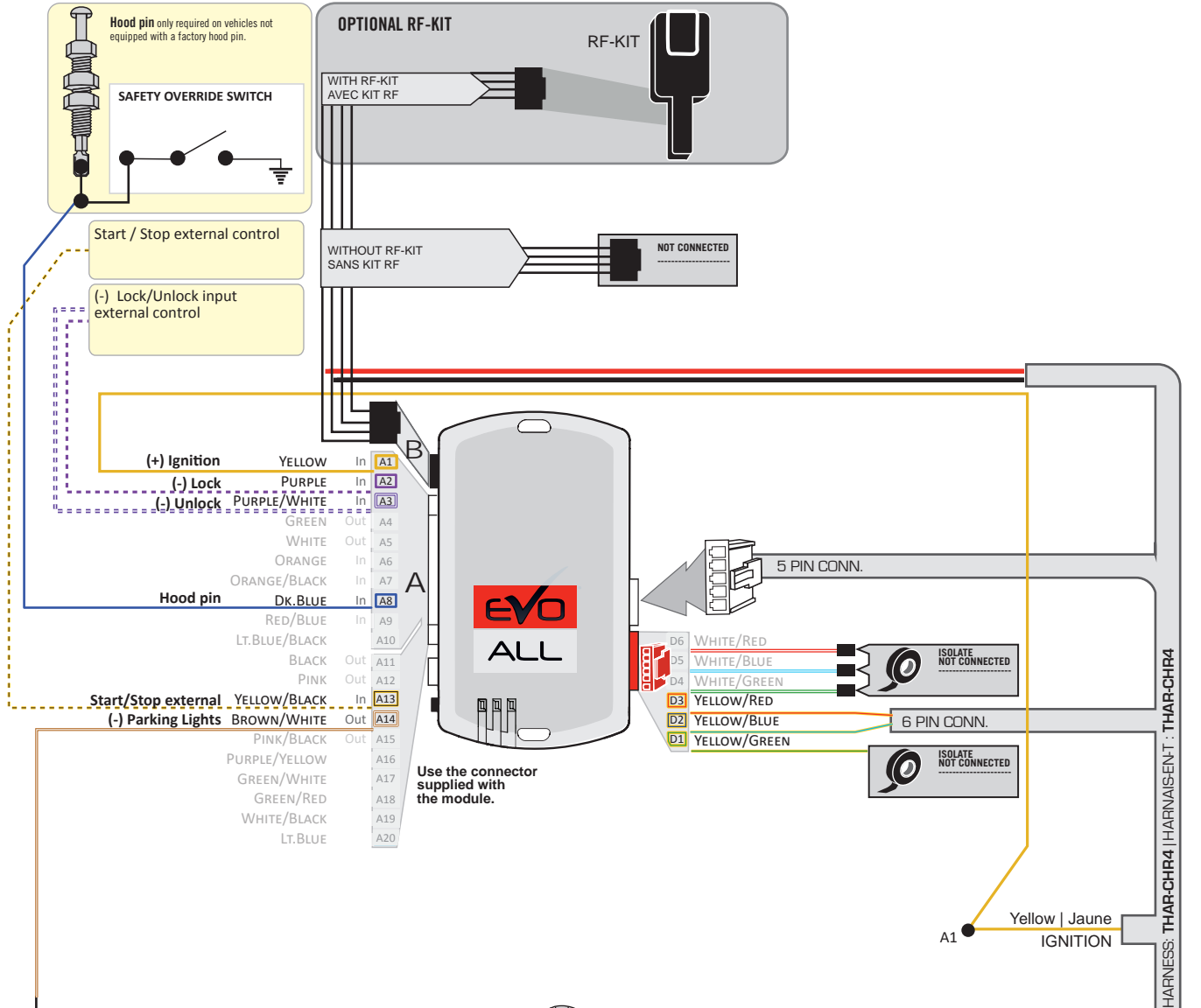
WARNING | ATTENTION



REMOTE STARTER

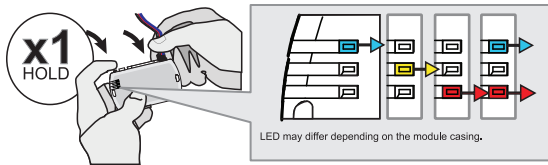
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AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

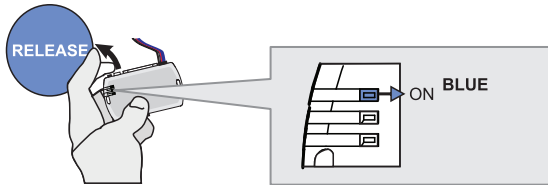
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

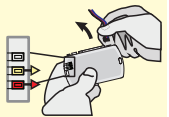
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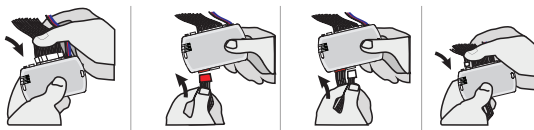


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If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

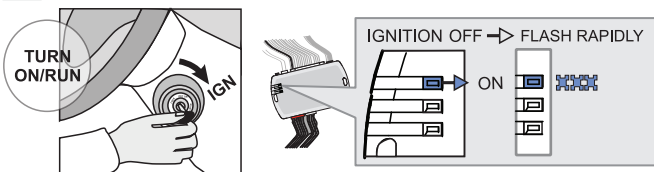


3



Insert the required remaining connectors.

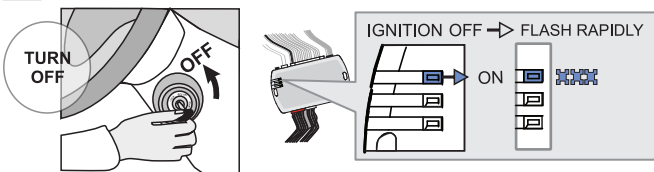
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



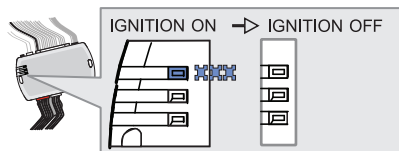
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Press and release the programming button on the module once.



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The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



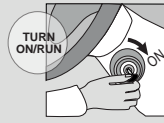
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Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | |
|----------------|-----------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| JEEP | | | | | | | | | | | | | | |
| Commander | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grand Cherokee | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (If equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |

NOTES 12V BATTERY
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PARTS REQUIRED (NOT INCLUDED)


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 SOFTWARE | PROGRAMME
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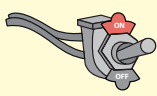
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|--|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK |
| | | D1.1  | Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY




All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START 

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
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REMOTE STARTER WARNING CARD



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 or use the package RSPB, Sold separately.

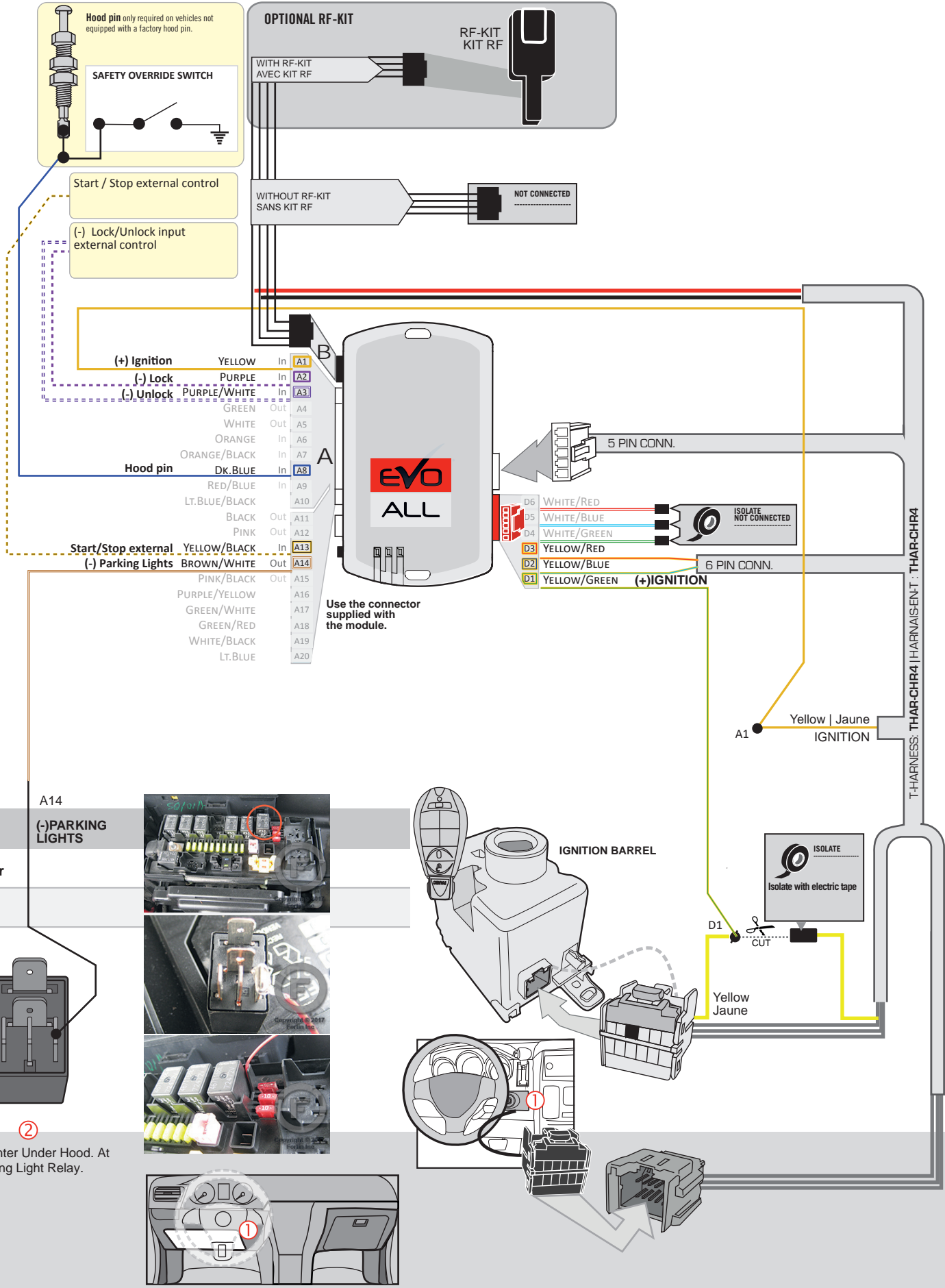
WARNING | ATTENTION



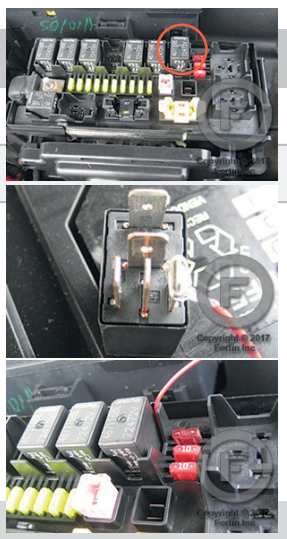
REMOTE STARTER

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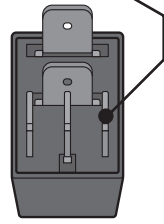
AUTOMATIC TRANSMISSION WIRING CONNECTION



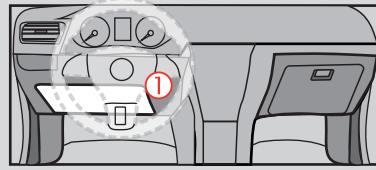
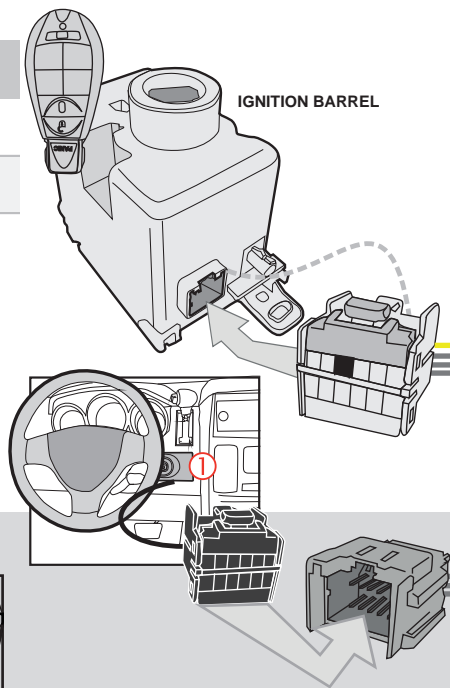
A14
(-) PARKING LIGHTS



Commander
Grand-Cherokee
2008-2010

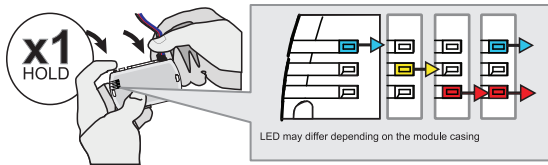


②
Relay Center Under Hood. At Parking Light Relay.



PROGRAMMING PROCEDURE

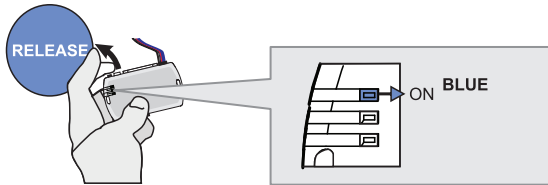
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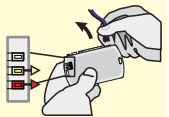
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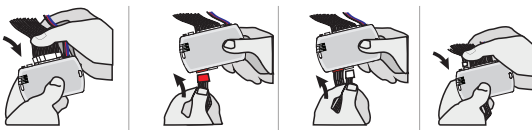


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

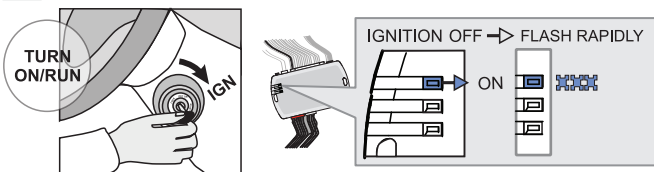


3



Insert the required remaining connectors.

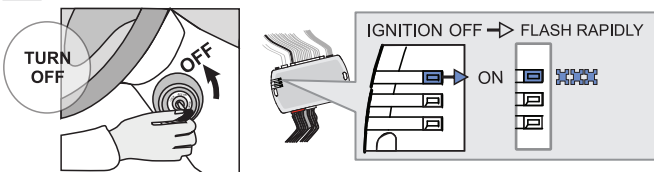
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



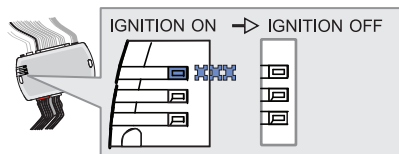
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



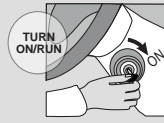
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4

THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION



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| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | |
|----------------|--------------------------------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| DODGE | | | | | | | | | | | | | | |
| Durango | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| JEEP | | | | | | | | | | | | | | |
| Grand Cherokee | 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | <i>Push-to-Start</i> 2011-2013 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | |
| CV | Gas 2011-2015 | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (If equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |



Parts required (Not included)
1X Resistor

NOTES 12V BATTERY

ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL

* HOOD PIN



HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.


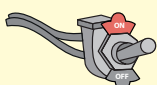
PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY | OBLIGATOIRE






HOOD PIN  REMOTE START SAFETY OVERRIDE SWITCH 

VALET SWITCH


Part #: RSPB available, Sold separately.


Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION


| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  D1.1  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |

REMOTE STARTER FUNCTIONALITY


 All doors must be closed.

3X 

 Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.


 The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

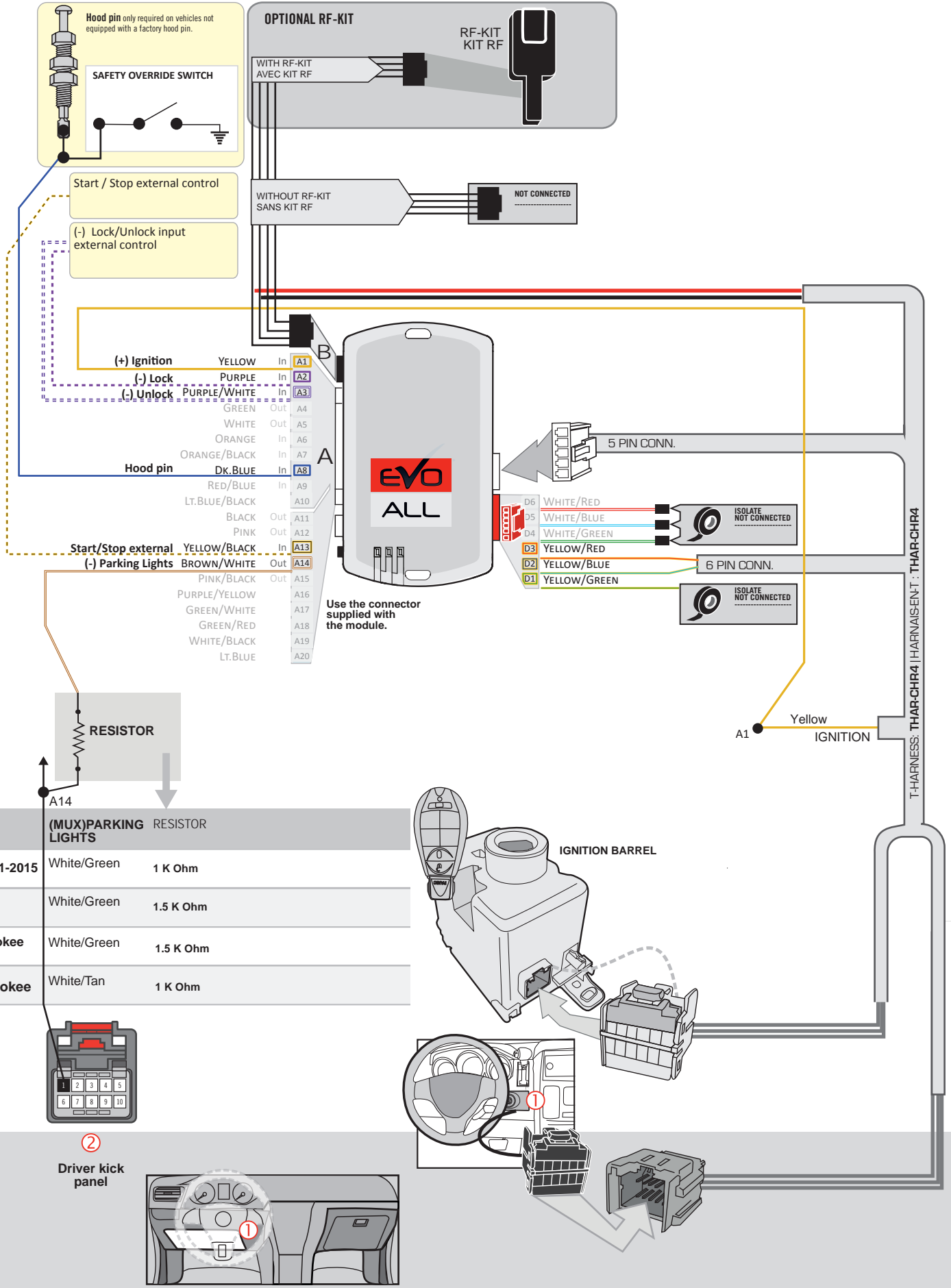
WARNING | ATTENTION



REMOTE STARTER

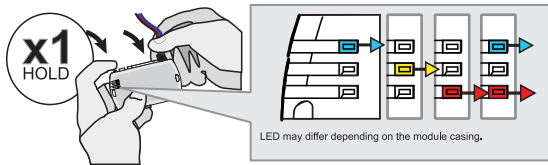
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

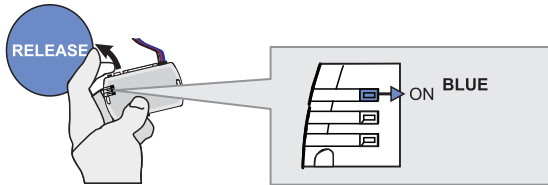
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

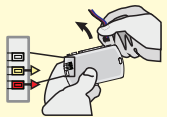
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

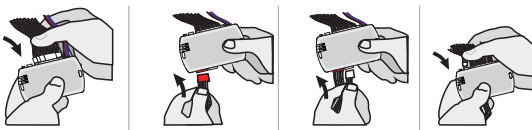


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

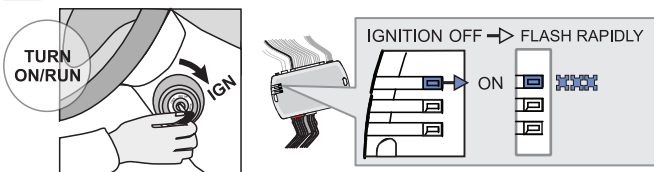


3



Insert the required remaining connectors.

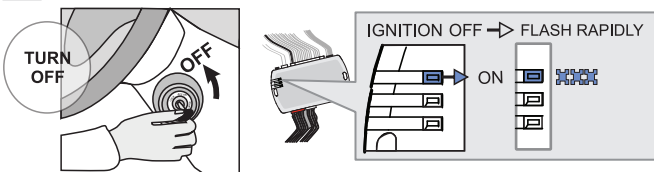
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



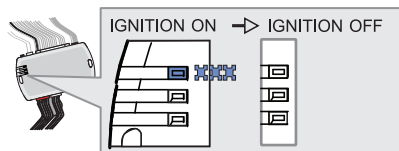
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



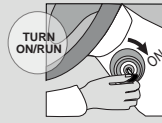
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



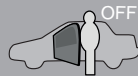
Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| VEHICLE | YEARS | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | |
|--------------|-----------|--|-----------|------|--------|-----|--------|--------------|------------|-------------|--------------|-------------------|-------------------|
| | | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Trunk (open) | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status |
| DODGE | | | | | | | | | | | | | |
| Journey | 2008-2010 | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|------------------------|-------------|--|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |

| | Program bypass option (If equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |

NOTES 12V BATTERY
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
*** HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)


1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
 SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

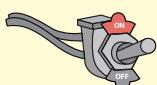
1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
 Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN



REMOTE START SAFETY OVERRIDE SWITCH








VALET SWITCH


Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.


STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|---|---|
|  | OEM Remote Stand Alone Remote Starter: | D1.10  | By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE |
| | | D1.1  | |
|  | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
|  | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |


REMOTE STARTER FUNCTIONALITY



All doors must be closed.

3X 

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.




START

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

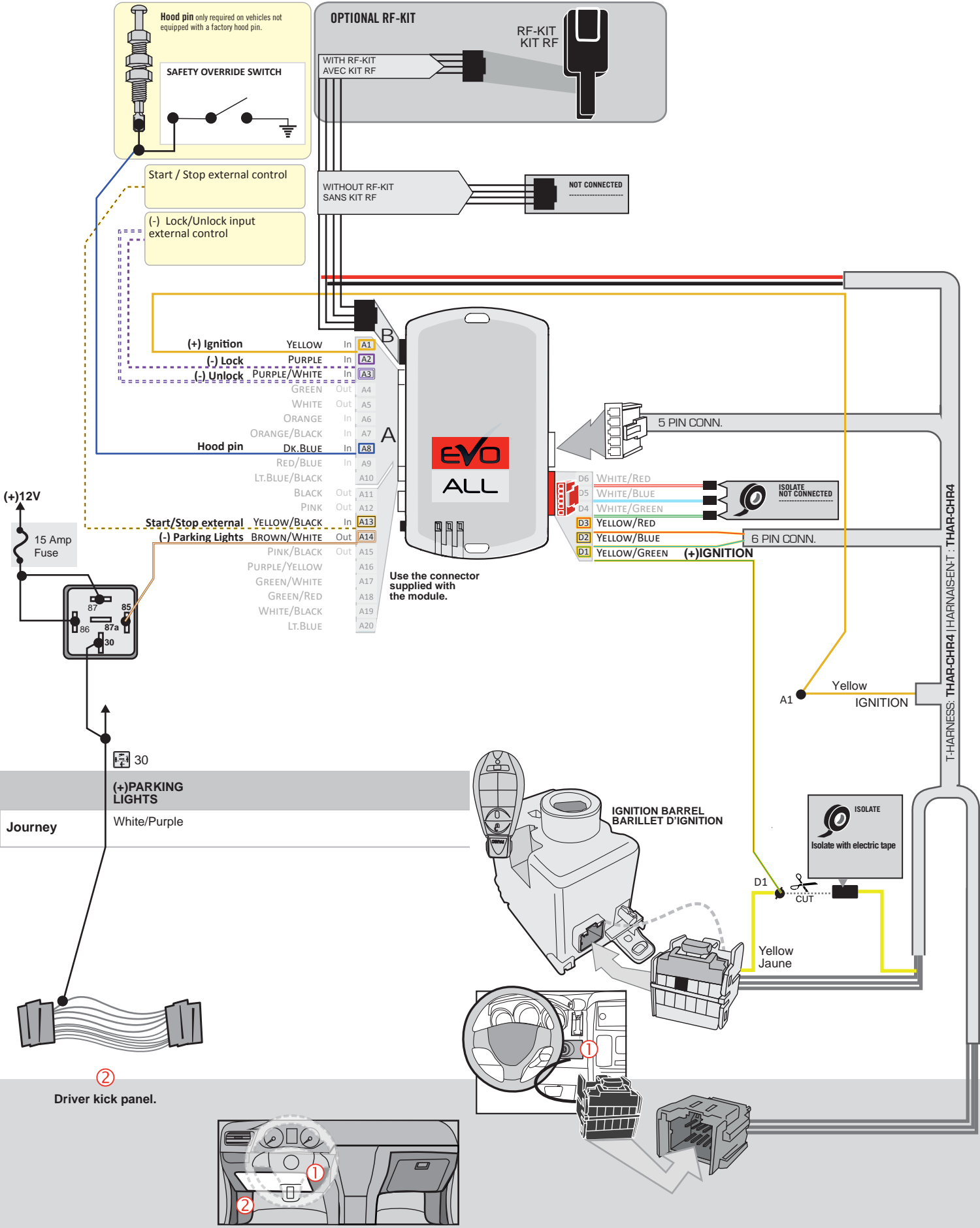
WARNING | ATTENTION



REMOTE STARTER

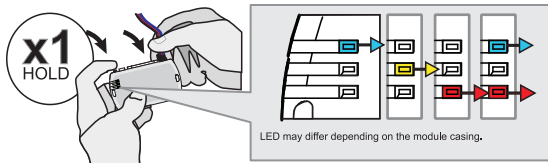
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

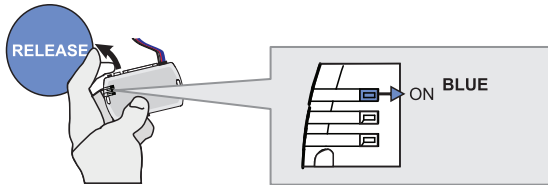
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

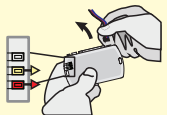
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

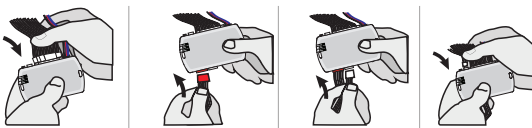


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

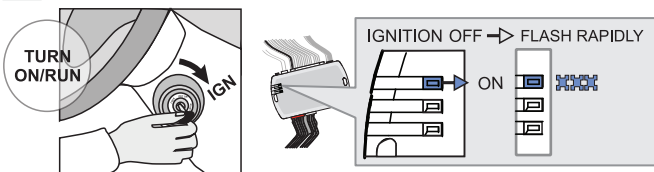


3



Insert the required remaining connectors.

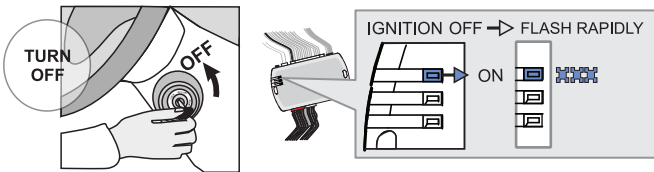
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



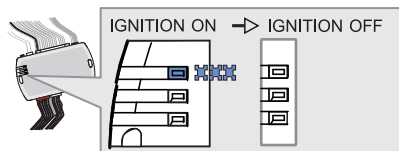
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



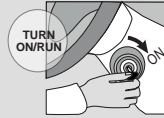
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.

THAR-CHR4
THARNESS STAND ALONE INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION


ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

| | | Vehicle functions supported in this diagram (functional if equipped) | | | | | | | | | | | | | | |
|-------------------|------------------|--|-----------|------|--------|-----|--------|--------------|--------------|--------------|------------|-------------|--------------|-------------------|-------------------|-----------------------|
| VEHICLE | YEARS | Immobilizer bypass | T-Harness | Lock | Unlock | Arm | Disarm | Hatch (open) | Trunk (open) | Sliding Door | Tachometer | Door Status | Trunk Status | Hand-Brake Status | Foot-Brake Status | OEM Remote monitoring |
| CHRYSLER | | | | | | | | | | | | | | | | |
| Town & Country | 2011-2016 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| DODGE | | | | | | | | | | | | | | | | |
| Challenger | 2011-2014 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grand Caravan | 2011-2019 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | Gas 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | Diesel 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RAM | | | | | | | | | | | | | | | | |
| 1500/2500 | Diesel 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 3500/4500 | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 5500 | Gas 2011-2012 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VOLKSWAGEN | | | | | | | | | | | | | | | | |
| Routan | 2011-2014 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

| | | | |
|--|------------------|------------------|---|
| | HARDWARE VERSION | FIRMWARE VERSION | To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. |
| | MINIMUM 6 | 74.[38] | |
| CHRYSLER/DODGE/JEEP/MITSUBISHI MINIMUM | | | |

| | Program bypass option: | UNIT OPTION | DESCRIPTION |
|--|---|-------------|---|
| | | C1 | OEM Remote status (Lock/Unlock) monitoring |
| | Program bypass option (If equipped with OEM alarm): | UNIT OPTION | DESCRIPTION |
| | | D2 | Unlock before / Lock after (Disarm OEM alarm) |


Parts required (Not included)
 1X Resistor

NOTES 12V BATTERY
ATTENTION THE T-HARNESS CURRENT IS LIMITED AT 10 AMP MAXIMUM.

If a parking lights (+) wire is use : they require more than 10Amp. Connect the remote-starter's power directly to the vehicles battery with the appropriate fuse.

Some remote starters can not be powered through Data-Link. In these cases connect the remote starter's fused 12V power wire directly to the T-Harness.

MANDATORY INSTALL
*** HOOD PIN**

HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN.

Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and must be installed.

THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)

1x **FLASH LINK UPDATER,**
 1x **FLASH LINK MANAGER**
SOFTWARE | PROGRAMME
 1x Microsoft Windows Computer with Internet connection

OR

1x **FLASH LINK MOBILE**
 1x **FLASH LINK MOBILE APP**
Smartphone Android or iOS with Internet connection (provider charges may apply).

MANDATORY

HOOD PIN

REMOTE START SAFETY OVERRIDE SWITCH

VALET SWITCH

Part #: RSPB available, Sold separately.

Notice: the installation of safety elements are mandatory. The hood pin and the valet switch are essential security elements and must be installed.

STAND ALONE CONFIGURATION

| | Program bypass option | UNIT OPTION | DESCRIPTION |
|--|---|-----------------|---|
| | OEM Remote Stand Alone Remote Starter: | D1.10 | By default, LOCK, LOCK, LOCK |
| | | D1.1 | Par défaut, VERROUILLE,VERROUILLE,VERROUILLE |
| | Program bypass option with oem remote: | C1 | OEM Remote Monitoring |
| | | | |
| | Program bypass option with RF KIT antenna: | H1 to H6 | Supported RF Kits and select RF Kit |
| | | | |

REMOTE STARTER FUNCTIONALITY

All doors must be closed.

3X

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

The vehicle will START.

REMOTE STARTER DIAGNOSTICS
MODULE RED LED

| | |
|-------------------|-----------------------|
| x2 flash : | Brake ON |
| x3 flash : | No tach |
| x4 flash : | Ignition before start |
| x5 flash : | Hood Open |

REMOTE STARTER WARNING CARD

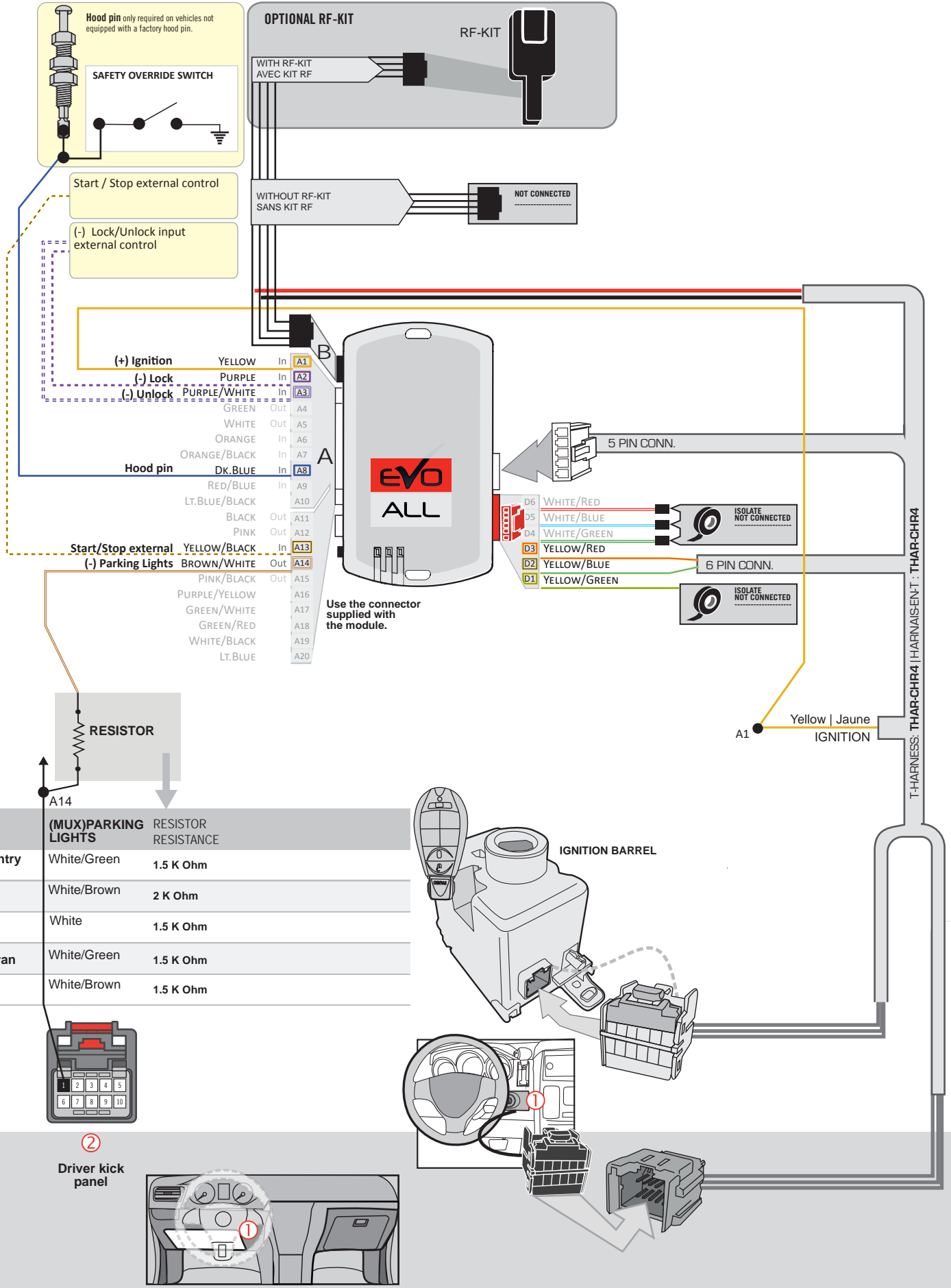
CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE:
 or use the package RSPB, Sold separately.

WARNING | ATTENTION

REMOTE STARTER

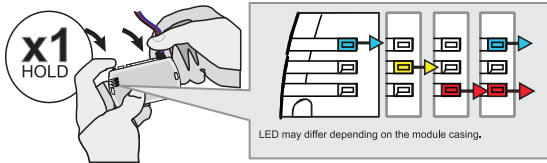
THE VEHICLE CAN BE STARTED BY EITHER: PRESSING THE LOCK BUTTON ON THE OEM REMOTE 3 TIMES CONSECUTIVELY OR BY A SMARTPHONE. **TURN ON** THE SAFETY SWITCH LOCATED UNDER THE DASHBOARD BEFORE WORKING ON THE VEHICLE.

AUTOMATIC TRANSMISSION WIRING CONNECTION



PROGRAMMING PROCEDURE

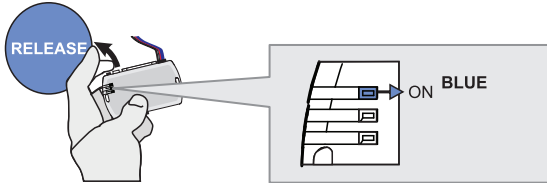
1



Press and hold the programming button:
Connect the 4-PIN Data-link harness (Black connector).

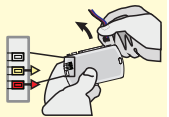
↳ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

2

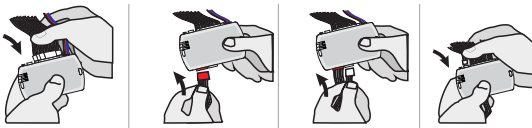


Release the programming button when the LED is BLUE.

If the LED is not solid BLUE disconnect the 4-Pin connector (Data-Link) and go back to step 1.

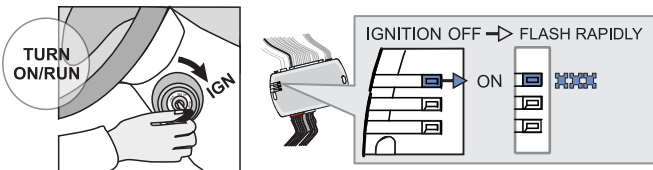


3



Insert the required remaining connectors.

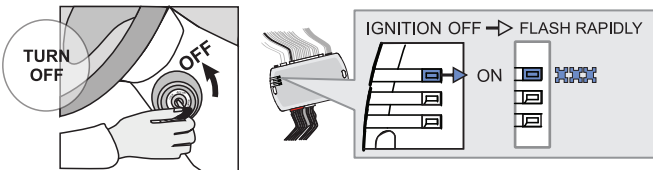
4



Turn the key to the Ignition ON/RUN position.

↳ The BLUE LED will flash rapidly.

5



Turn the key to the OFF position.

↳ The BLUE LED will flash rapidly.

6

With OEM remote



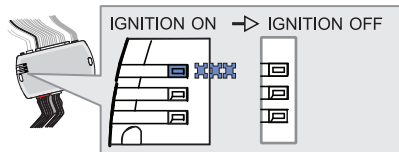
Press the LOCK button on the vehicles OEM remote.

Or

Without OEM remote



Press and release the programming button on the module once.



↳ The BLUE LED will turn off.



The module is now programmed.

Use the remote of the remote starter or security system to test all of the supported features to ensure proper programming.

REMOTE STARTER FUNCTIONALITY

AUTOMATIC TRANSMISSION



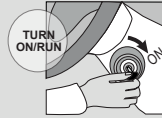
All doors must be closed.



Remote start the vehicle.



Unlock the doors with the remote-starter remote or the OEM remote.



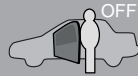
Insert and Turn the key to the Ignition ON/RUN position.



Press the brake pedal.



The vehicle can now be put in to gear and driven.



If the procedure is not followed, the vehicle engine will shut down for safety.