



CHEVROLET Malibu

2004-2006



CAN-SL-PL AND TBGM2

Made in Canada Rev. B - 01 / 02 / 2009
Web site: <http://www.ifar.ca>

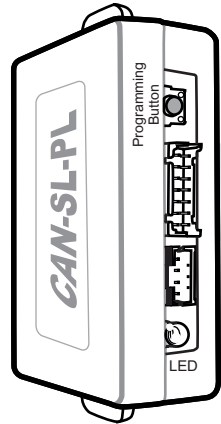
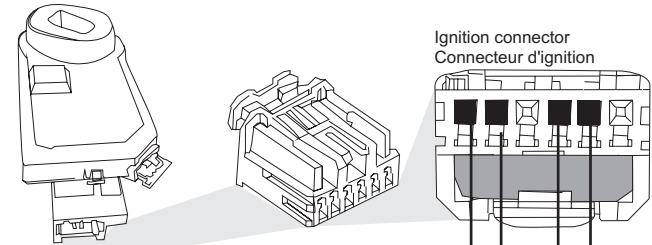
ALARM AND REMOTE STARTER CAN BUS INTERFACE KIT

Fonctionnel if equipped

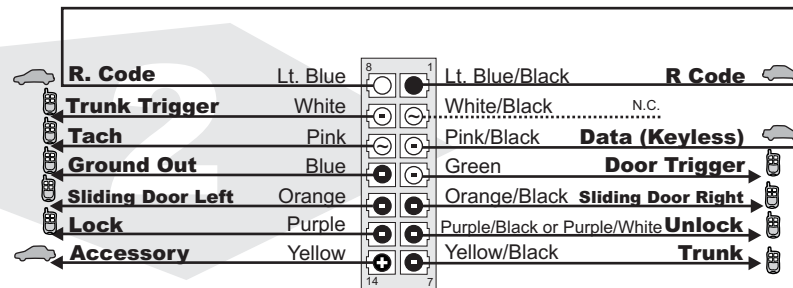
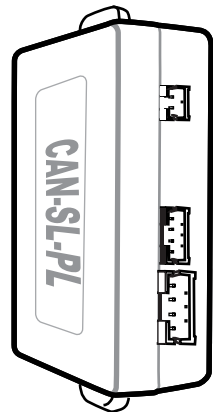
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| <input checked="" type="checkbox"/> Unlock | <input checked="" type="checkbox"/> Start Enable | <input checked="" type="checkbox"/> Transponder Bypass | <input type="checkbox"/> Gas Door |
| <input checked="" type="checkbox"/> Arm | <input checked="" type="checkbox"/> Door Trigger | <input checked="" type="checkbox"/> PK3, Passlock | <input type="checkbox"/> Window Roll Down |
| <input checked="" type="checkbox"/> Disarm | <input checked="" type="checkbox"/> Trunk Trigger | <input type="checkbox"/> Sliding Door | <input type="checkbox"/> Hatch |
| <input checked="" type="checkbox"/> Trunk | <input type="checkbox"/> Hood Trigger | <input type="checkbox"/> Defrost | <input type="checkbox"/> Brake Signal |

Remote-Starter / Démarreur à distance

WARNING: All Ignition and accessory wires of the remote starter must be connected at the ignition barrel.



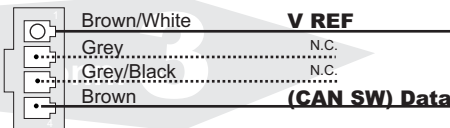
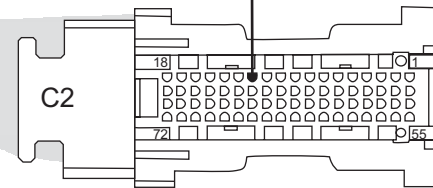
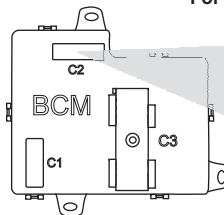
Front of the module



For OEM door lock control and trunk release.

Pin 12
Lt Green

Located on the right side of the center console.



V REFERENCE
White/Black

Connect wire to Remote-Starter/Alarm Connect wire to vehicle

○ OUTPUT ● INPUT

Connect: ✓	Branchez: ✓
Lt. Blue <input checked="" type="checkbox"/>	Lt. Blue/Black <input checked="" type="checkbox"/>
White <input checked="" type="checkbox"/>	White/Black <input checked="" type="checkbox"/>
Pink <input checked="" type="checkbox"/>	Pink/Black <input checked="" type="checkbox"/>
Blue <input checked="" type="checkbox"/>	Green <input checked="" type="checkbox"/>
Orange <input checked="" type="checkbox"/>	Orange/Black <input checked="" type="checkbox"/>
Purple <input checked="" type="checkbox"/>	Purple/Black <input checked="" type="checkbox"/>
Yellow <input checked="" type="checkbox"/>	Yellow/Black <input checked="" type="checkbox"/>

Data-Link (1 way)

Brown/White
Grey
Grey/Black
Brown

Connect: ✓	Branchez: ✓
Lt. Blue <input checked="" type="checkbox"/>	Lt. Blue/Black <input checked="" type="checkbox"/>
White <input checked="" type="checkbox"/>	White/Black <input checked="" type="checkbox"/>
Pink <input checked="" type="checkbox"/>	Pink/Black <input checked="" type="checkbox"/>
Blue <input checked="" type="checkbox"/>	Green <input checked="" type="checkbox"/>
Orange <input checked="" type="checkbox"/>	Orange/Black <input checked="" type="checkbox"/>
Purple <input checked="" type="checkbox"/>	Purple/Black <input checked="" type="checkbox"/>
Yellow <input checked="" type="checkbox"/>	Yellow/Black <input checked="" type="checkbox"/>

Data-Link (2 way)

Brown/White
Grey
Grey/Black
Brown



Technical support:
TEL: 514-255-HELP (4357)
FAX: 514-255-1367
Web: www.ifar.ca

Neither the manufacturer or distributor of this module is responsible of damages of any kind indirectly or directly caused by this module, except for the replacement of this module in case of manufacturing defects. This module must be install by qualified technician. This instruction guide may change without notice. Visit www.ifar.ca to get latest version.



CHEVROLET Malibu

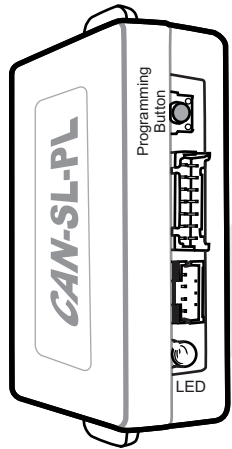
2004-2006



CAN-SL-PL AND TBGM2

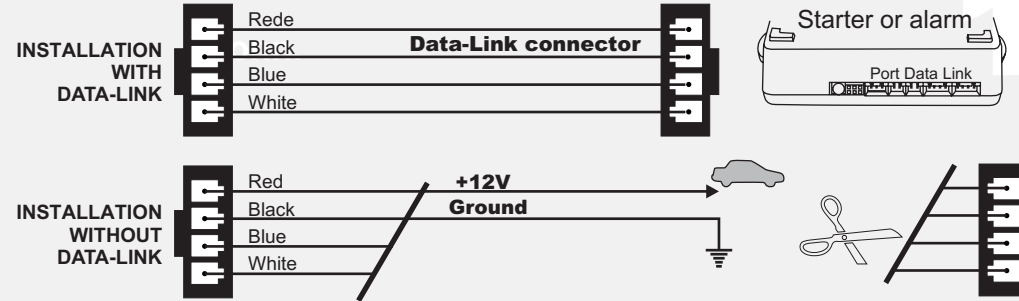
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ALARM AND REMOTE STARTER CAN BUS INTERFACE KIT

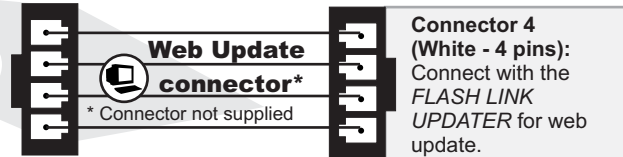
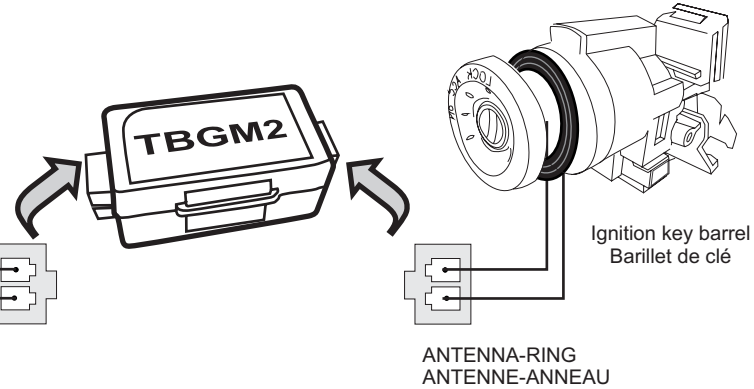
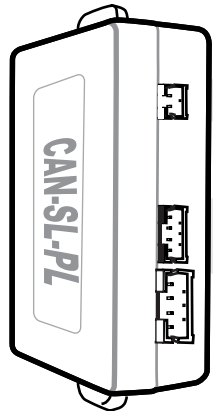


Front of the module

Connector 1 (Black - 4 pins):
Determine the type of installation:



Cut off one plug of the Data-Link connector, connect the red wire to +12V and the black wire to ground.



Connect wire to Remote-Starter/Alarm Connect wire to vehicle

○ OUTPUT ● INPUT

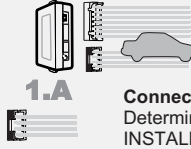



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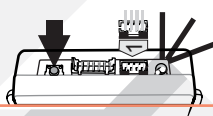



CAN-SL-PL PROGRAMMING

1 **1.A**  **Make the connections of the CAN-SL-PL to the vehicle:**
Connector 1 (Black):
 Determine the type of installation:
 INSTALLATION WITH DATA-LINK
 INSTALLATION WITHOUT DATA-LINK

1.B  **Connector 2 (White):**
 Make the connections


1.C  **Connector 3 (White, located at the back of the module):**
 Make the connections


2  **Press** the programming switch while inserting the main wires harness (**CONN 1**) into the CAN-SL-PL module. The LED will illuminate to indicate you are in programming mode, release the programming button.

3  **Connect** the other connectors (**CONN. 2**)
WARNING: Connector 2 can be easily plugged in backwards.

4  **Connect** the other connectors (**CONN. 3**)

5  Turn the key to the **"ON" position**.

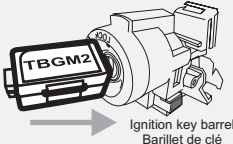
6  Once the LED starts to flash rapidly turn the key to the **OFF position**.
 The LED will turn off to indicate the module has been programmed.

 **The module is now ready for use.**

TBGM2 PROGRAMMING

7  Insert the key and turn the cylinder to the **ON/RUN** position for **1 second**.

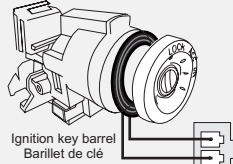
8  Remove the key.

9  Place the TBGM2 module close to the front of the ignition barrel.

YOU HAVE 5 SECONDS TO COMPLETE THE FOLLOWING STEP

10  Remote-Start the vehicle. **THE TBGM2 IS NOW PROGRAMMED.**

IMPORTANT:
 Once the **TBGM2** is programmed, it can not be programmed on another vehicle.

11 

- ▶ Remove the trim cap from the ignition barrel.
- ▶ Stick the antenna to the ignition barrel.
- ▶ Replace the trim cap on the ignition barrel.

12  Connect the TBGM2 module to the CAN-SL-PL using the PATS-LINK cable.



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MISE À JOUR PAR INTERNET

CAN-SL-PL ET TBGM2

Fabriqu  au Canada Rev.B - 01 / 02 / 2009
Site internet <http://www.ifar.ca>

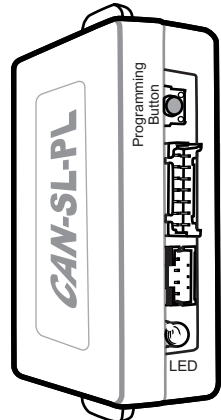
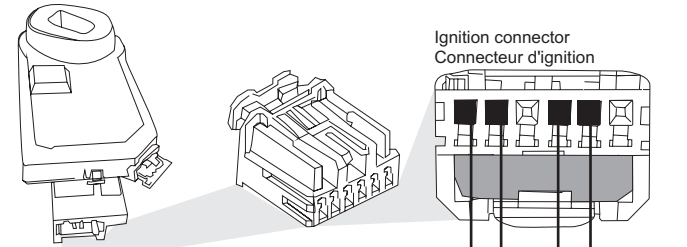
MODULE D'INTERFACE CAN BUS POUR ALARME ET D MARREUR   DISTANCE

Fonctionnel if equipped

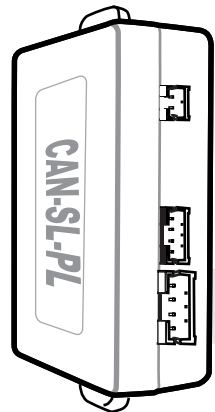
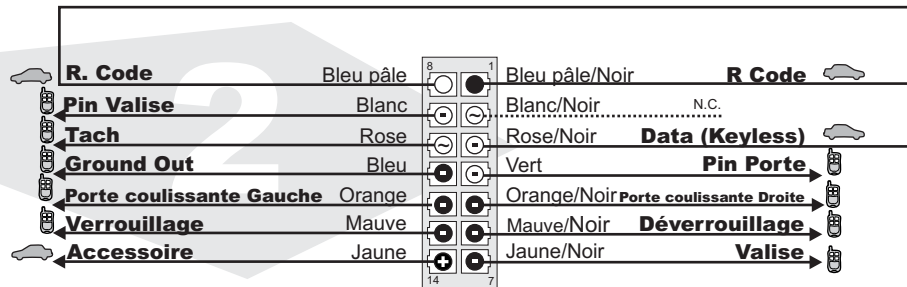
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|--|--|--|--|
| <input checked="" type="checkbox"/> Verrouillage | <input checked="" type="checkbox"/> Tach | <input type="checkbox"/> Radio Off | <input type="checkbox"/> Si ges chauffants |
| <input checked="" type="checkbox"/> D verrouillage | <input checked="" type="checkbox"/> Active D marreur | <input checked="" type="checkbox"/> Transponder Bypass | <input type="checkbox"/> Porte essence |
| <input checked="" type="checkbox"/> Armement | <input checked="" type="checkbox"/> Status de Porte | <input checked="" type="checkbox"/> PK3, Passlock | <input type="checkbox"/> Contr le portes |
| <input checked="" type="checkbox"/> D sarmement | <input checked="" type="checkbox"/> Status de Valise | <input type="checkbox"/> Portes Coulissantes | <input type="checkbox"/> Hayon arri re |
| <input checked="" type="checkbox"/> Valise | <input type="checkbox"/> Status de Capot | <input type="checkbox"/> D givrage | <input type="checkbox"/> Signal de Frein |

Connection for Transponder bypass./ Connexion pour le contournement transpondeur.

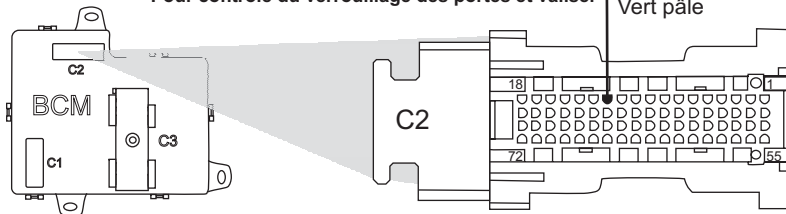
ATTENTION: Les fils d'ignition et d'accessoire du d marreur   distance doivent  tre connect s au barillet d'ignition.



Front of the module



Situ  du c t  droit de la console centrale.

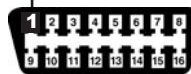


Pour contr le du verrouillage des portes et valise.

Pin 12
Vert p le



Vert Pin 1



V REFERENCE
Blanc/Noir

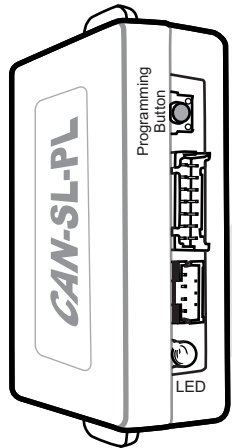
Branchement du filage au d marreur   distance/Alarme Branchement du filage au v hicule SORTIE ENTR E



Support Technique:
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Site internet: www.ifar.ca

Ni le manufacturier, ni le distributeur ne se consid rent responsables des dommages caus s ou ayant pu  tre caus s, indirectement ou directement, par ce module, except  le remplacement de ce module en cas de d fectuosit  de fabrication. Ce module doit  tre install  par un technicien qualifi . Ce guide d'instruction peut faire l'objet de changement sans pr avis. Consultez le www.ifar.ca pour voir la plus r cente version.

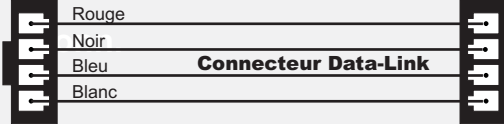
<p>Branchez: ✓</p> <table border="0"> <tr><td><input checked="" type="checkbox"/> Bleu p�le</td><td><input checked="" type="checkbox"/> Bleu p�le/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Blanc</td><td><input checked="" type="checkbox"/> Blanc/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Rose</td><td><input checked="" type="checkbox"/> Rose/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Bleu</td><td><input checked="" type="checkbox"/> Vert</td></tr> <tr><td><input checked="" type="checkbox"/> Orange</td><td><input checked="" type="checkbox"/> Orange/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Mauve</td><td><input checked="" type="checkbox"/> Mauve/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Jaune</td><td><input checked="" type="checkbox"/> Jaune/Noir</td></tr> </table>	<input checked="" type="checkbox"/> Bleu p�le	<input checked="" type="checkbox"/> Bleu p�le/Noir	<input checked="" type="checkbox"/> Blanc	<input checked="" type="checkbox"/> Blanc/Noir	<input checked="" type="checkbox"/> Rose	<input checked="" type="checkbox"/> Rose/Noir	<input checked="" type="checkbox"/> Bleu	<input checked="" type="checkbox"/> Vert	<input checked="" type="checkbox"/> Orange	<input checked="" type="checkbox"/> Orange/Noir	<input checked="" type="checkbox"/> Mauve	<input checked="" type="checkbox"/> Mauve/Noir	<input checked="" type="checkbox"/> Jaune	<input checked="" type="checkbox"/> Jaune/Noir	<p>Data-Link (1 way)</p> <p>DL</p> <table border="0"> <tr><td><input checked="" type="checkbox"/> Brun/Blanc</td></tr> <tr><td><input checked="" type="checkbox"/> Gris</td></tr> <tr><td><input checked="" type="checkbox"/> Gris/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Brun</td></tr> </table>	<input checked="" type="checkbox"/> Brun/Blanc	<input checked="" type="checkbox"/> Gris	<input checked="" type="checkbox"/> Gris/Noir	<input checked="" type="checkbox"/> Brun	<p>Branchez: ✓</p> <table border="0"> <tr><td><input checked="" type="checkbox"/> Bleu p�le</td><td><input checked="" type="checkbox"/> Bleu p�le/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Blanc</td><td><input checked="" type="checkbox"/> Blanc/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Rose</td><td><input checked="" type="checkbox"/> Rose/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Bleu</td><td><input checked="" type="checkbox"/> Vert</td></tr> <tr><td><input checked="" type="checkbox"/> Orange</td><td><input checked="" type="checkbox"/> Orange/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Mauve</td><td><input checked="" type="checkbox"/> Mauve/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Jaune</td><td><input checked="" type="checkbox"/> Jaune/Noir</td></tr> </table>	<input checked="" type="checkbox"/> Bleu p�le	<input checked="" type="checkbox"/> Bleu p�le/Noir	<input checked="" type="checkbox"/> Blanc	<input checked="" type="checkbox"/> Blanc/Noir	<input checked="" type="checkbox"/> Rose	<input checked="" type="checkbox"/> Rose/Noir	<input checked="" type="checkbox"/> Bleu	<input checked="" type="checkbox"/> Vert	<input checked="" type="checkbox"/> Orange	<input checked="" type="checkbox"/> Orange/Noir	<input checked="" type="checkbox"/> Mauve	<input checked="" type="checkbox"/> Mauve/Noir	<input checked="" type="checkbox"/> Jaune	<input checked="" type="checkbox"/> Jaune/Noir	<p>Data-Link (2 way)</p> <p>DL</p> <table border="0"> <tr><td><input checked="" type="checkbox"/> Brun/Blanc</td></tr> <tr><td><input checked="" type="checkbox"/> Gris</td></tr> <tr><td><input checked="" type="checkbox"/> Gris/Noir</td></tr> <tr><td><input checked="" type="checkbox"/> Brun</td></tr> </table>	<input checked="" type="checkbox"/> Brun/Blanc	<input checked="" type="checkbox"/> Gris	<input checked="" type="checkbox"/> Gris/Noir	<input checked="" type="checkbox"/> Brun
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Front of the module

Connecteur 1 (Noir - 4 pins):
Déterminez le type d'installation:

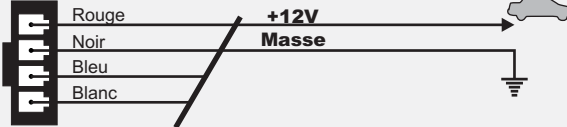
INSTALLATION AVEC DATA-LINK



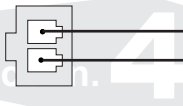
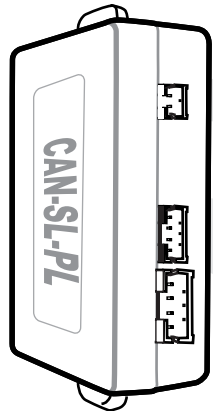
Démarrreur à distance et Alarme



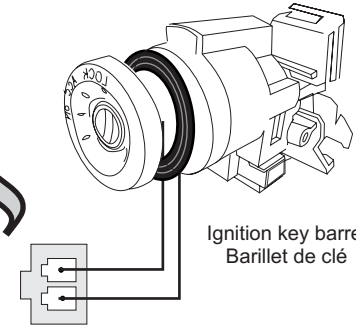
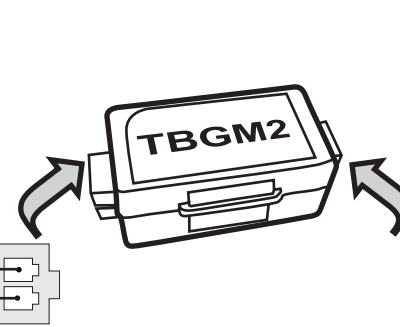
INSTALLATION SANS DATA-LINK



Coupez les 4 fils à l'extrémité de l'un des deux connecteurs Data-Link. Connectez le fil rouge au 12V et le fil noir à la masse du véhicule.



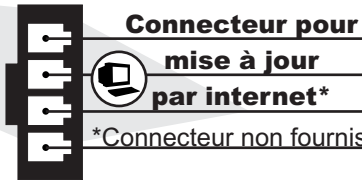
PATS-LINK



Ignition key barrel
Barillet de clé

ANTENNA-RING
ANTENNE-ANNEAU

5



*Connecteur non fournis

Connecteur 4 (Blanc - 4 pins):
Connectez avec le *FLASH LINK UPDATER* pour les mises à jour par internet.

Branchement du filage au démarreur à distance/Alarme Branchement du filage au véhicule ○ SORTIE ● ENTRÉE



CAN-SL-PL PROGRAMMING

1 **1.A** **Connecteur 1 (Noir):**
Déterminez le type d'installation (**Data-Link** ou **non Data-Link**)
Pour l'installation DATA-LINK assurez vous de la présence du connecteur DATA-LINK sur le démarreur.
Pour installation non Data-Link voir INSTALLATION SANS DATA-LINK.

1.B **Connecteur 2 (Blanc):**
Éffectuez les branchements

1.C **Connecteur 3 (Blanc, situé au dos du module):**
Éffectuez les branchements

2 **Maintenez le bouton de programmation enfoncé** en insérant le **connecteur 1** dans le CAN-SL-PL
Le DEL s'allume pour indiquer le début de la programmation, **relâchez le bouton de programmation.**

3 Branchez le connecteur 2 (**CONN. 2**)
ATTENTION: Ne pas brancher le connecteur à l'envers.

4 Branchez le connecteur 3 (**CONN. 3**)

5 Tournez la clef en position **ignition.**

6 Lorsque le DEL clignote rapidement, **tournez la clef en position OFF.**
Le DEL s'éteint pour indiquer que le module est programmé.

TBGM2 PROGRAMMING

7 Introduisez la première clé dans le contact et tournez-la à la position **ON** pendant **1 secondes.**

8 Retirez la clé.

9 Placez le module TBGM2 prêt du devant du barillet d'ignition.

VOUS AVEZ 5 SECONDES POUR EFFECTUEZ L'ÉTAPE SUIVANTE:

10 Démarrez le véhicule avec le démarreur à distance.
Le TBGM2 EST PROGRAMMÉ.

IMPORTANT : Une fois le TBGM2 programmé, il ne peut être reprogrammé sur un autre véhicule.

11

- ▶ Retirez le capuchon du plastique du barillet d'ignition.
- ▶ Collez l'antenne (ring) autour du barillet d'ignition.
- ▶ Réinstallez le capuchon du barillet d'ignition.

12 Branchez le module TBGM2 dans le module CAN-SL-PL en utilisant le PATS-LINK.