ADC2016 Cable

User Guide

Original Instructions

Vers. 1.0

dormakaba Group

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The information has been provided to the users with the necessary indications to use automotive key programming devices independently, economically and safely.

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INTRODUCTION

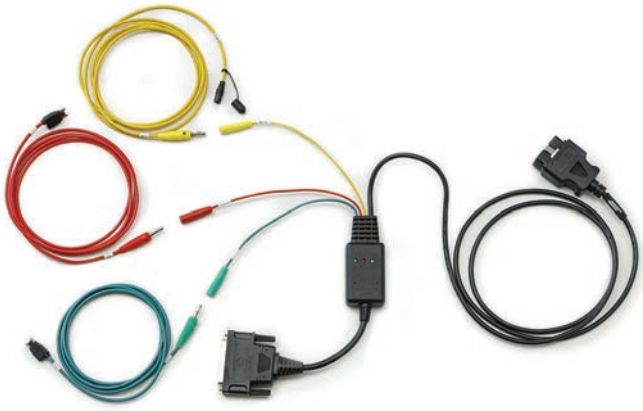


FIG.1

The ADC2016 All Keys Lost Cable is designed to extract key data from the vehicle immobiliser box, this data is then used in conjunction with ADC2015 key emulator* to produce a temporary master key.

It is not necessary to remove the vehicle immobiliser box from the vehicle, the ADC2016 cable simply connects to the 12v feed & ignition feed of the immobiliser box via the vehicle fuse box, along with a single connection to the vehicle K-Switch “Key Warning Switch” located on the side of the vehicle ignition barrel.

Connection locations specific to each vehicle model can be found on ***https://www.mykeyspro.com/*** under the Guided Process section.

This guide gives the general steps required whilst using the ADC2016 cable.

*ADC2015 not included – must be purchased separately

CABLE PARTS

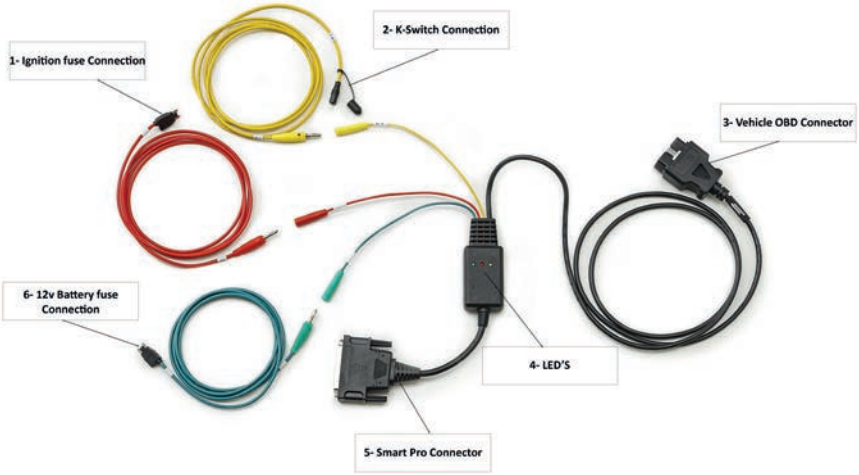


FIG.2

1. Red (Fuse) cable – (IGN) is connected to the ignition feed fuse of the immobiliser box.
2. Yellow cable – (K-SW) is a single wire probe which connects to the key warning switch located on the vehicle ignition barrel. (May not be required on all models)
3. Vehicle OBD Connector.
4. LED'S. The ADC2016 cable contains 3 LED lights which correspond to each connector. These LED lights are used during the procedure to assist the user. A cable test can be selected which will instruct the user if any connections need to be repositioned depending on the LED status. Once the cable test confirms that the cable is correctly connected, the software will proceed to extract the key data
5. Smart Pro Connector.
6. Green (Fuse) cable – (+12v) is connected to the battery positive feed fuse of the immobiliser box

CONNECTIONS MODES

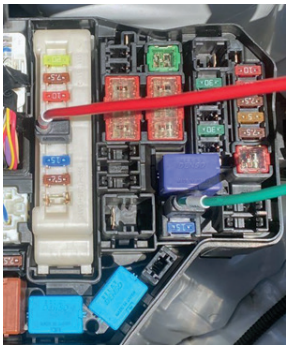


FIG.3

Example of fuse connection locations.
These locations vary depending on model. The fuse box(s) can normally be found in the engine compartment and interior of the vehicle. Please refer to MyKeys Pro for exact locations

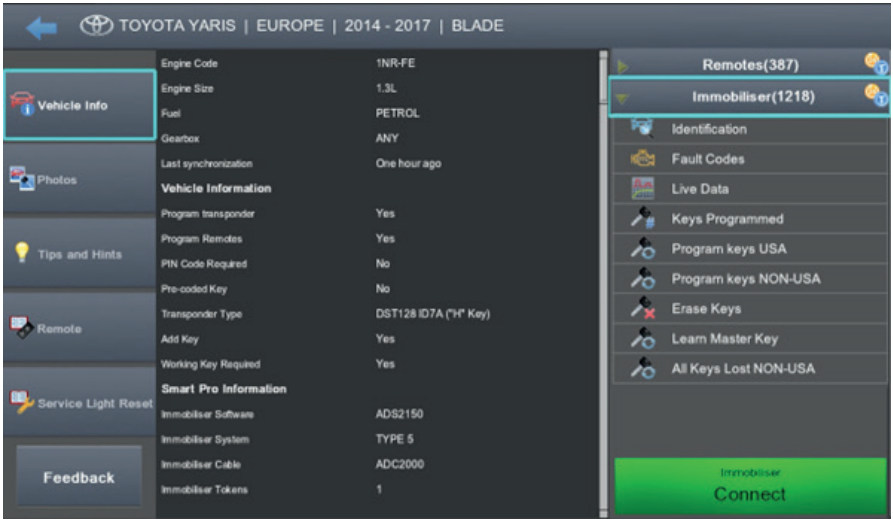
FIG.4

Example of K-Switch connection location
These locations vary depending on model. Please refer to MyKeys Pro for exact locations

FIG.5

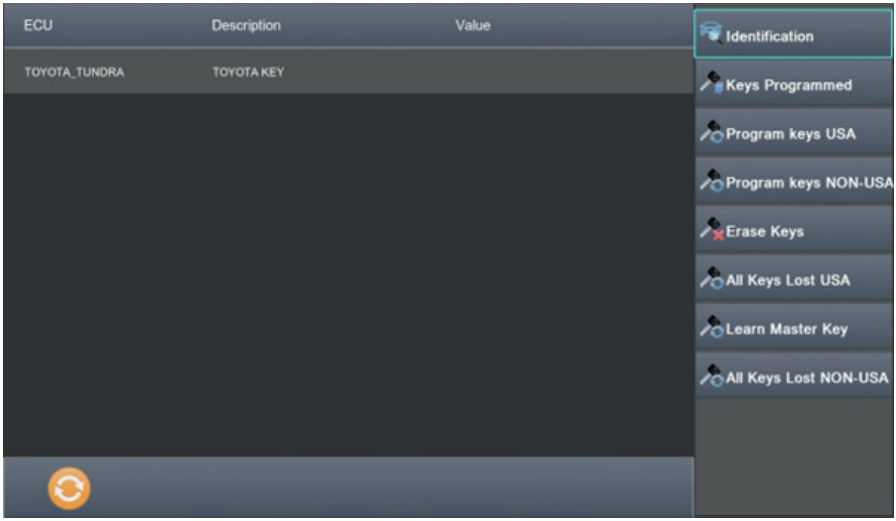
K-Switch cable is inserted into connector of K-Switch

PROCEDURE

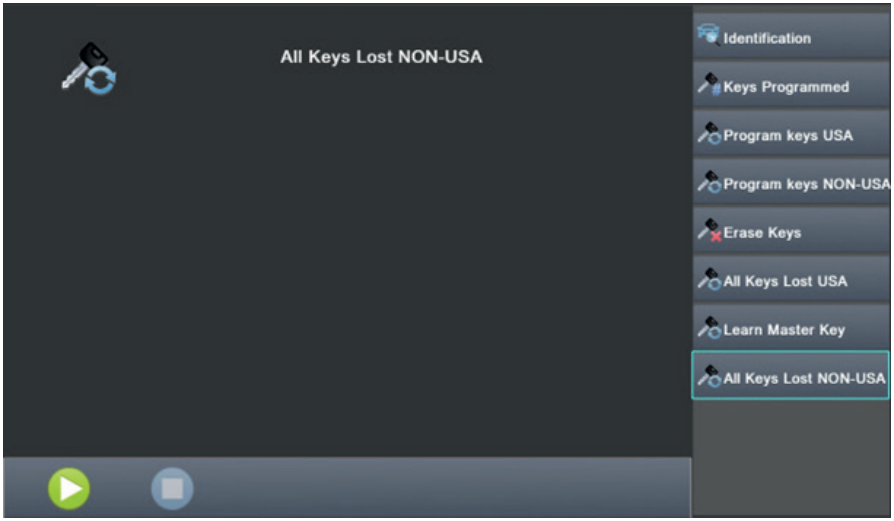


1. Vehicle selection – Select Immobiliser, then Connect

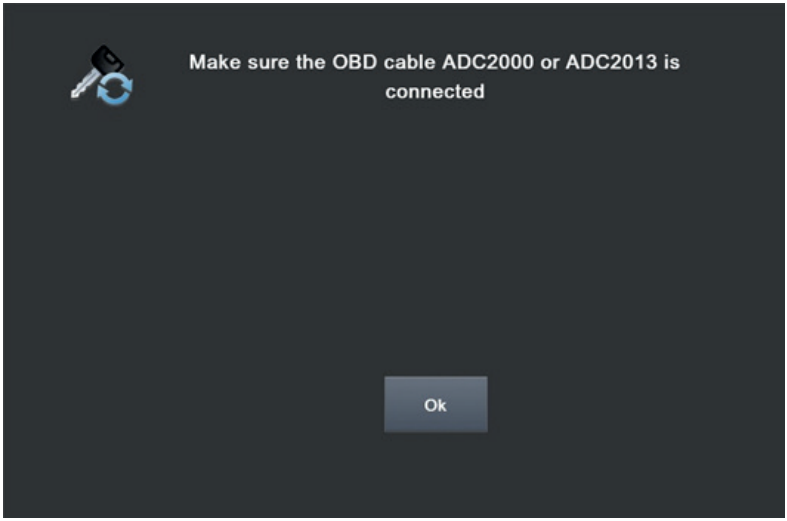
2. Connect to vehicle using ADC2000 or ADC2013 cable – Switch on ignition



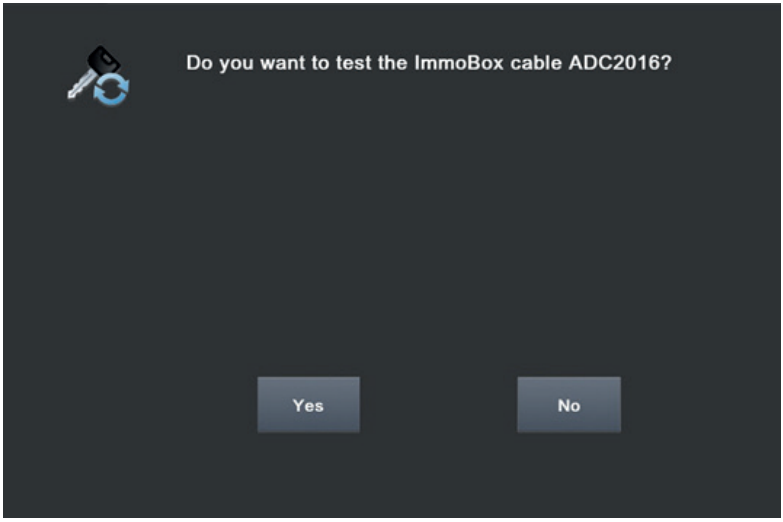
3. Vehicle is identified



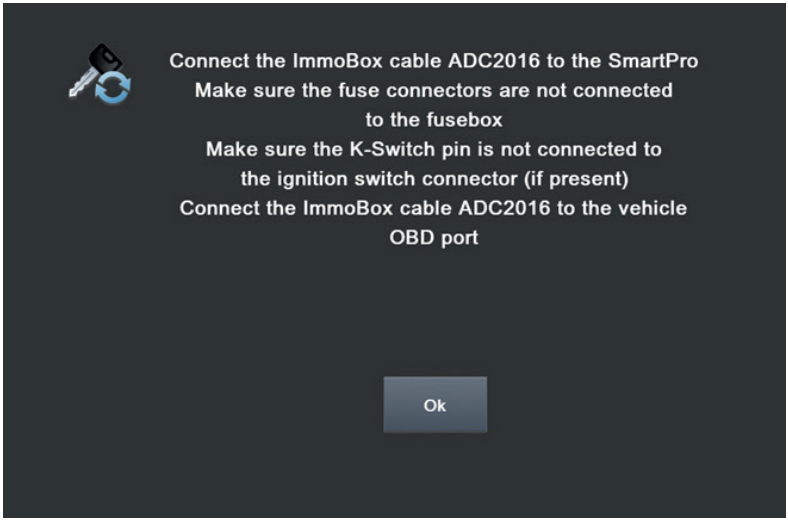
4. Select All Keys Lost NON-USA



5. Confirm that ADC2000 or ADC2013 cable is connected

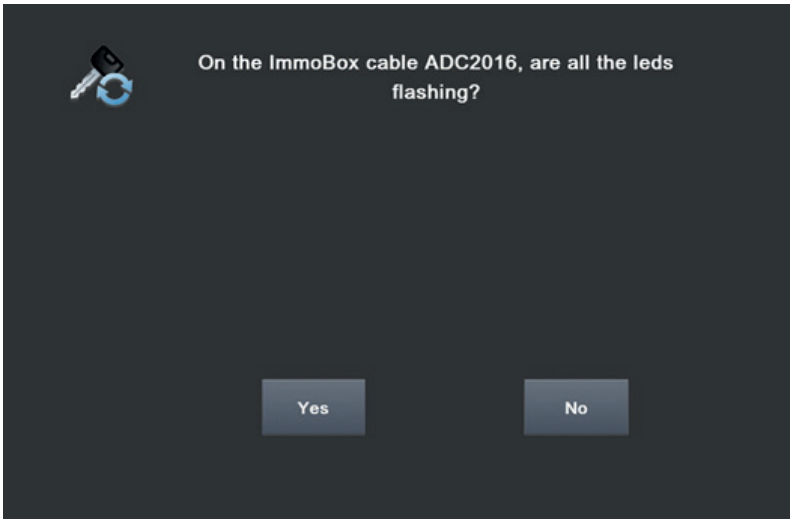


6. At this point the user can decide to carry out the cable test (recommended).
The cable test takes a few minutes.
If the user is confident that all connections are correct select No.



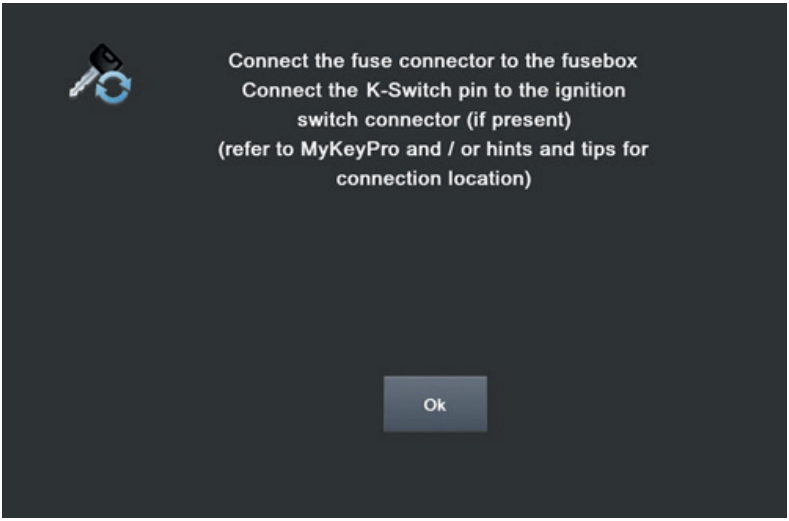
7. User is now instructed to connect the ADC2016 cable.

Note: Only connect to Smart Pro & Vehicle OBD socket at this point.



8. All LED lights should be flashing.

Note: If LED lights are not flashing check connection to Smart Pro & vehicle, or replace ADC2016 cable



9. Connect fuse & K-SW cables.

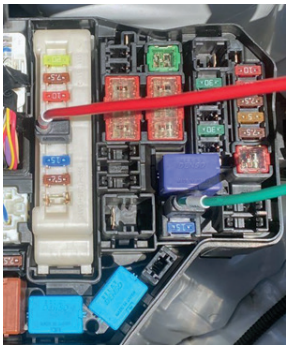


FIG.6

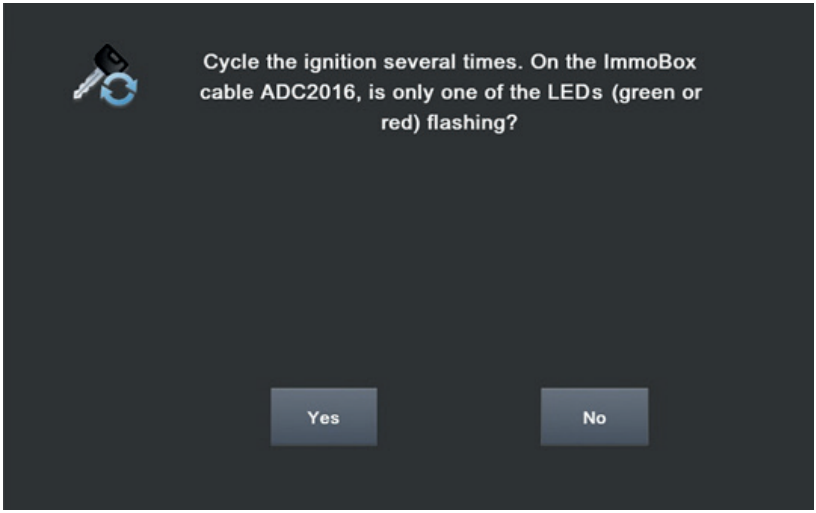
Example of fuse connection locations.
These locations vary depending on model. The fuse box(s) can normally be found in the engine compartment and interior of the vehicle. Please refer to MyKeys Pro for exact locations.

FIG.7

Example of K-Switch connection location
These locations vary depending on model. Please refer to MyKeys Pro for exact locations.

FIG.8

K-Switch cable is inserted into connector of K-Switch.

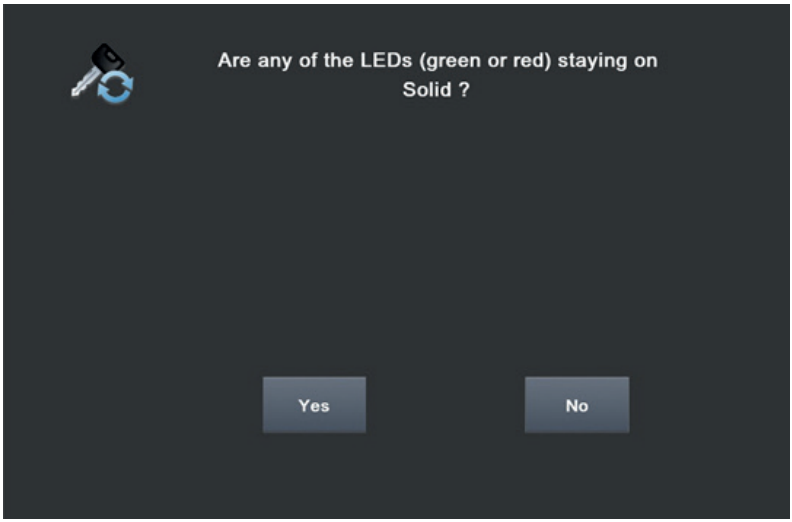


10. Cycle ignition. No LED lights should be flashing

Note: If LED lights are flashing user will be instructed to reposition cable connections

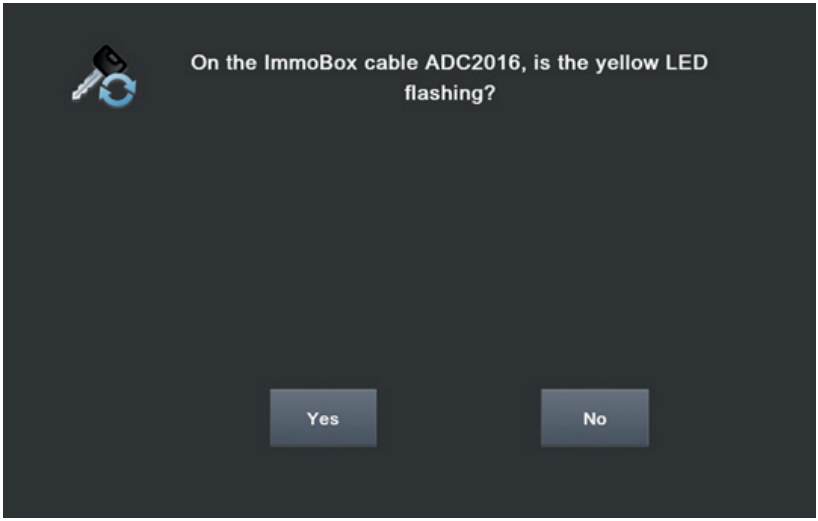
11. No LED lights should be blinking

Note: If LED lights are blinking user will be instructed to reposition cable connections



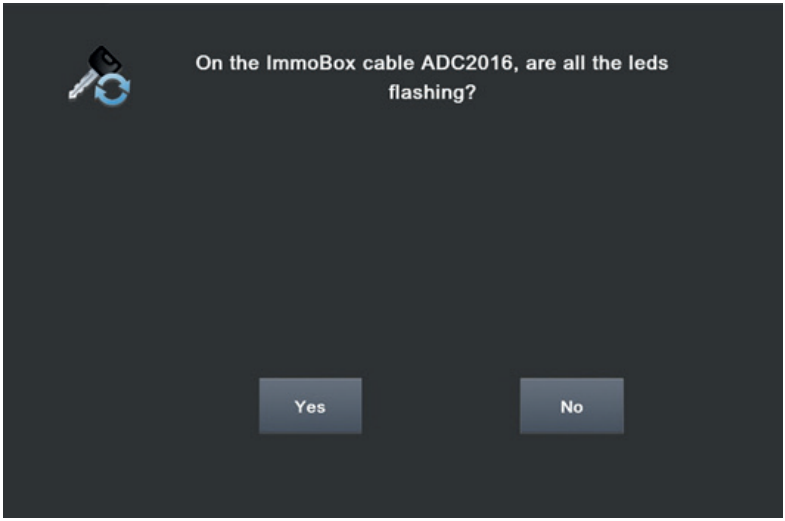
12. No LED lights should be solid

Note: If LED lights are solid user will be instructed to reposition cable connections



13. Yellow LED light should be flashing

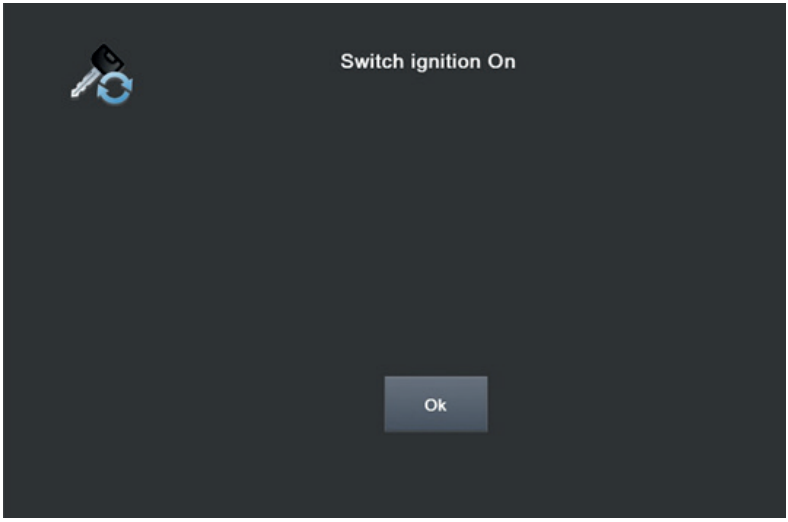
Note: If Yellow LED light is not flashing user will be instructed to reposition cable connection.



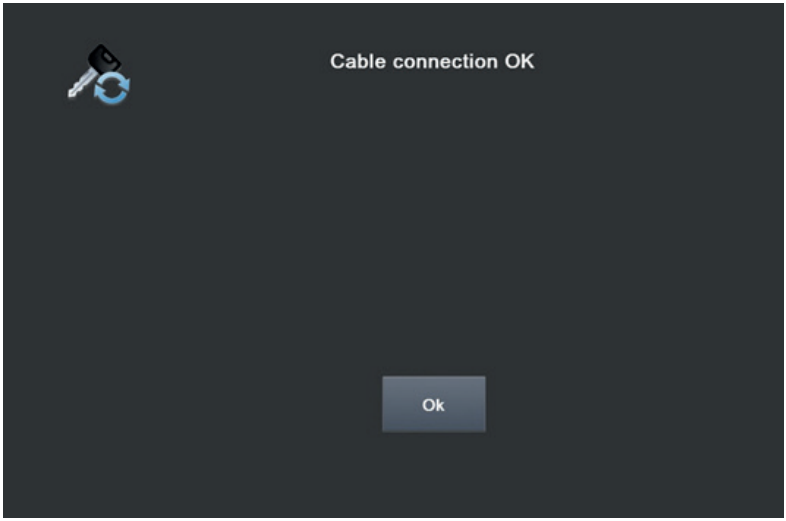
14. All LED lights should be flashing

Note: If LED lights are not flashing user will be instructed to reposition cable connections.

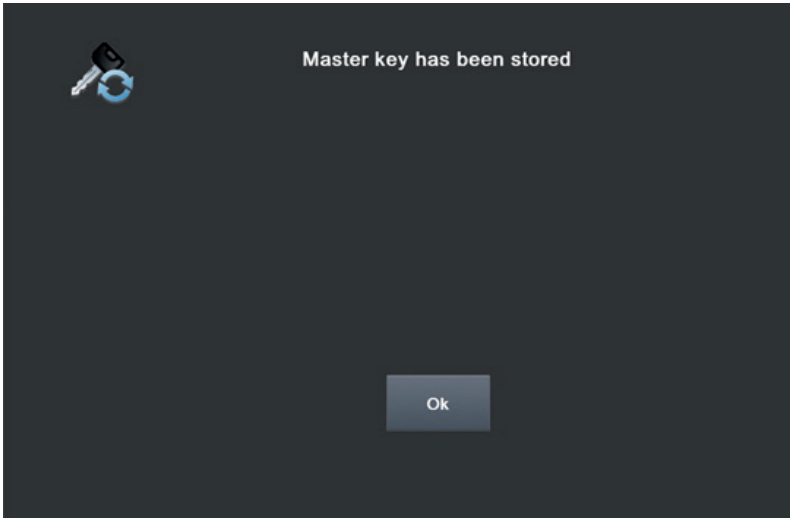
15. Ignition Off



16. Ignition On

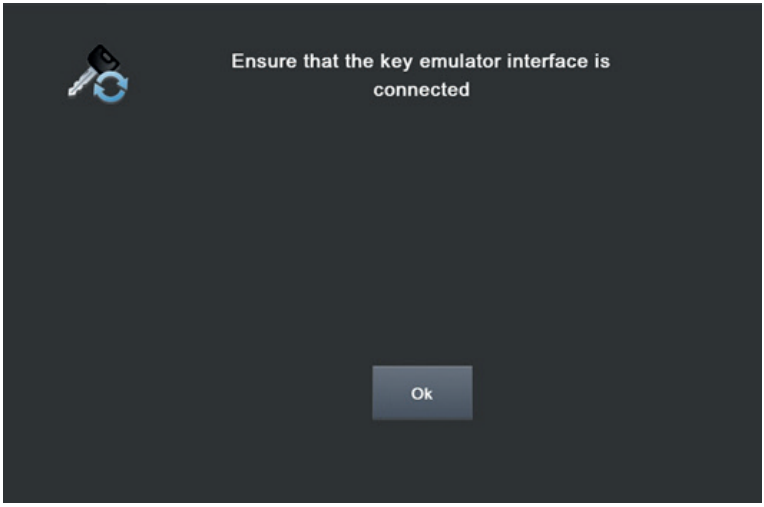


17. Confirmation that cable is connected correctly. After pressing Ok software extracts Key data from immobiliser box.



18. Key data is stored on the Smart Pro

Note: This data is saved and can be accessed later if required



19. Connect ADC2015 Key emulator (Fig.9) to Smart Pro via USB port (Fig.10)

FIG.9

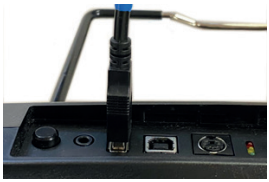
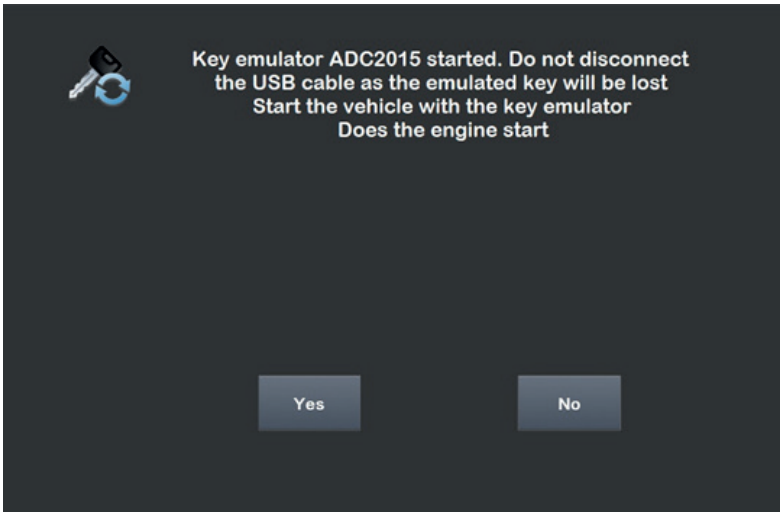
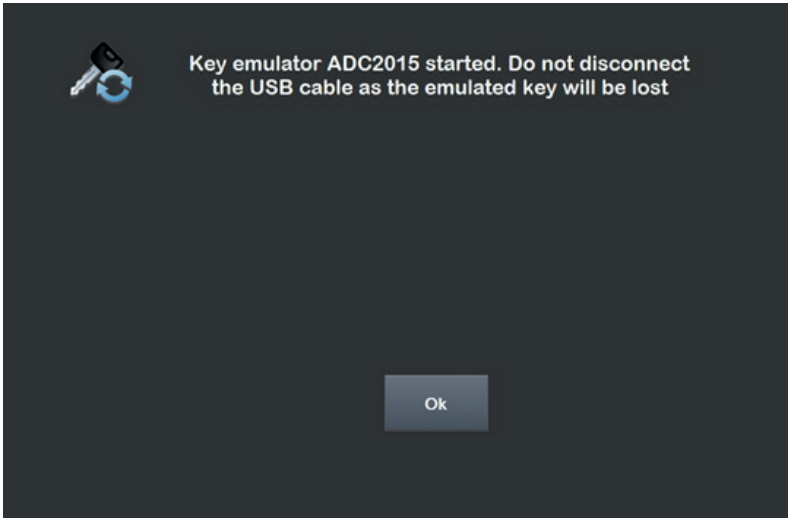


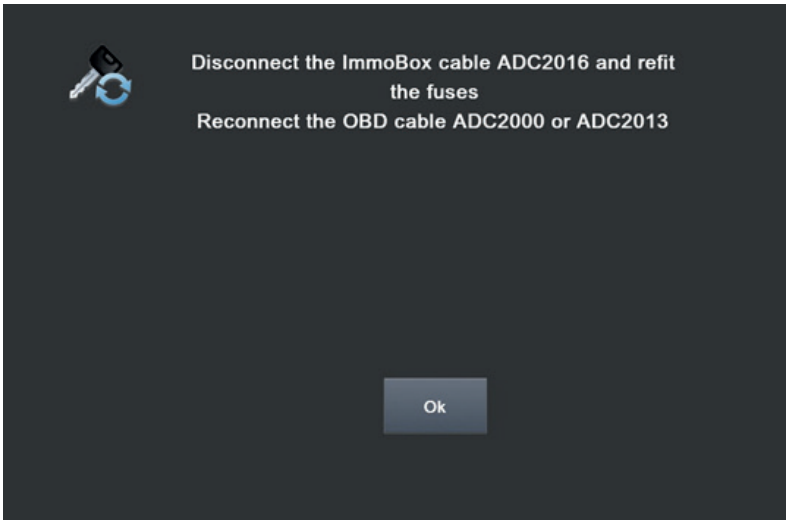
FIG.10



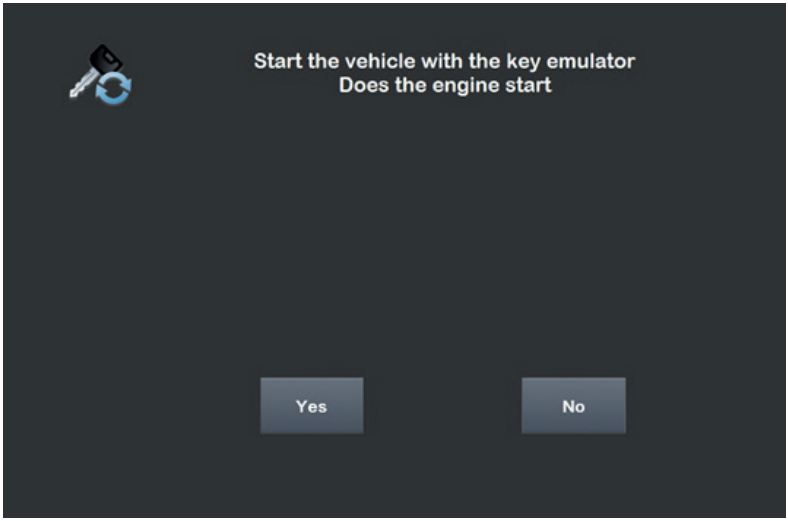
20. Confirm that the engine will start using a blank key and holding the ADC2015 key emulator against the vehicle transponder reader (ignition switch)



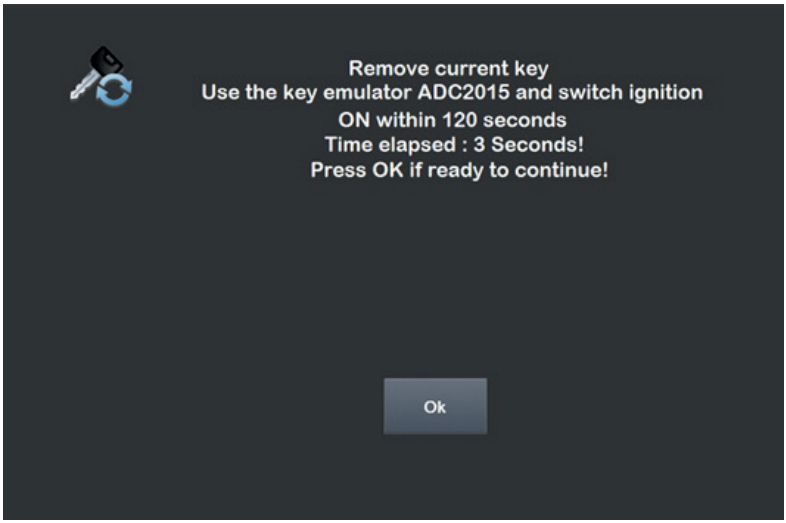
21. ADC2015 Key emulator should remain connected to the Smart Pro throughout the procedure. If disconnected, the key data will be deleted from the emulator and the process should be restarted.



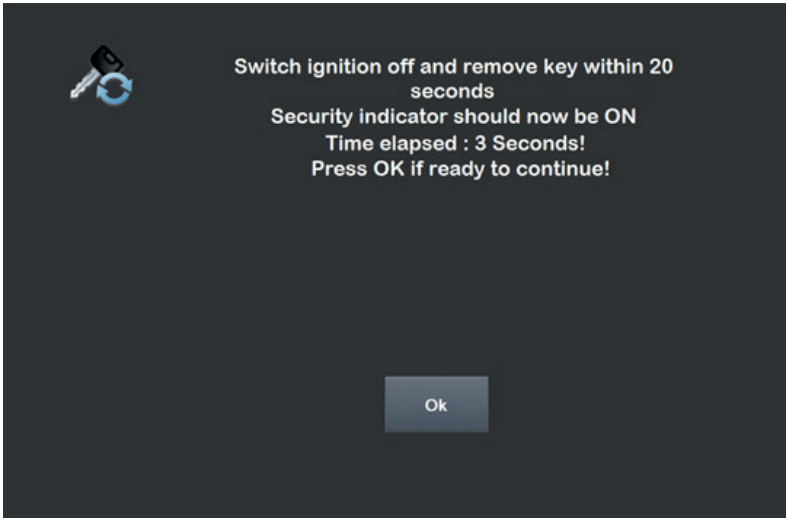
22. Disconnect the ADC2016 cable, refit fuses and connect k-switch. Reconnect ADC2000 or ADC2013 cable to Smart Pro and OBD socket.

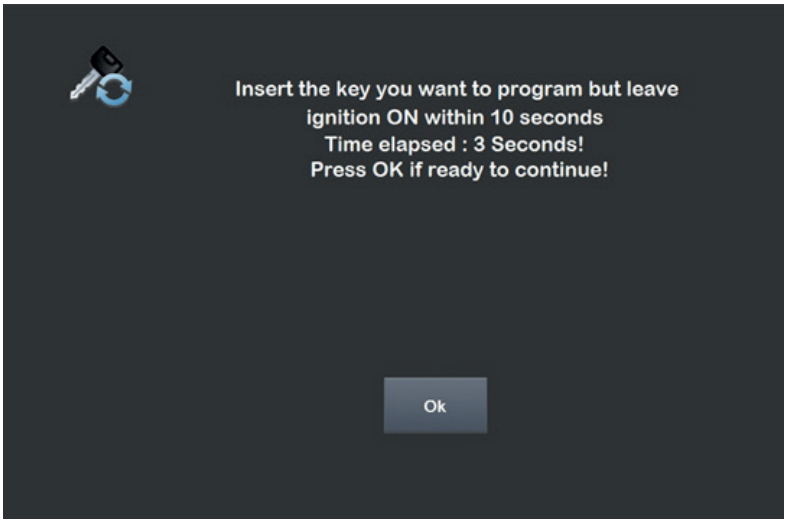


23. Confirm that the engine will start using a blank key and holding the ADC2015 key emulator against the vehicle transponder reader (ignition switch).

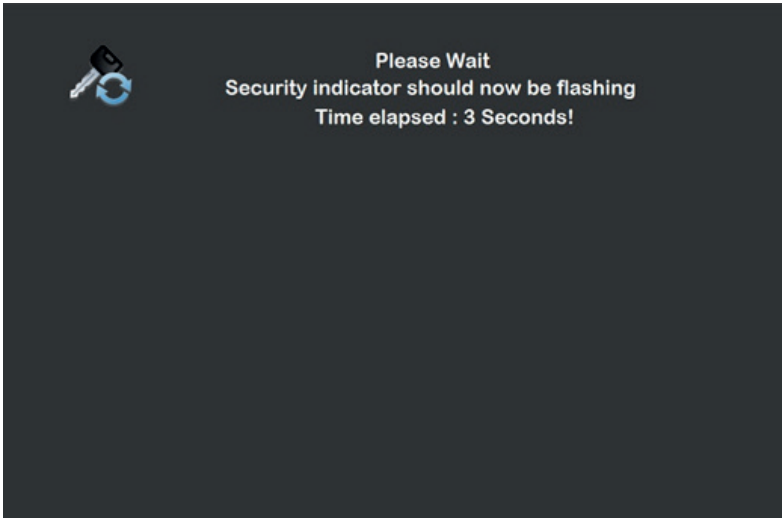


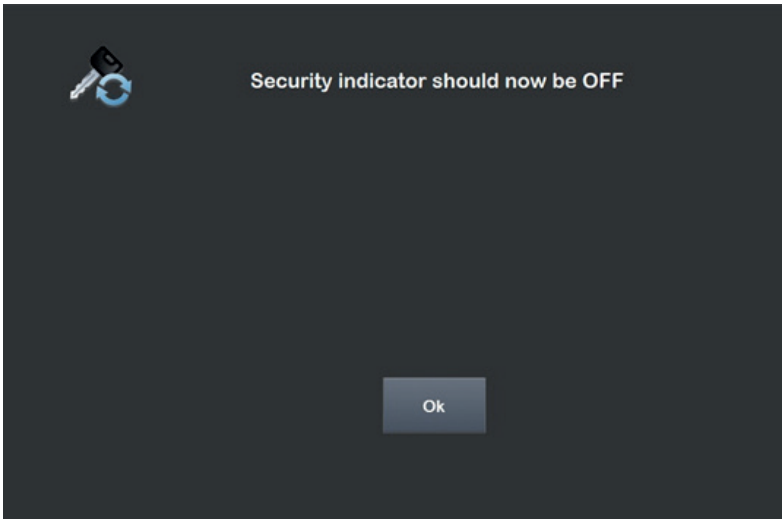
24. Key programming routine will now begin, follow the on screen prompts to complete the key programming





25. Continue with key programming routine





26. Observe status of the Security indicator – locations can vary depending on vehicle model

27. If Security indicator is off this indicates that key programming has been successful and a new Master key has been created

DECLARATION OF CONFORMITY

EN Advanced Diagnostics Ltd hereby declares that this Cable complies with the essential requisites and other relevant regulations established by Directive 2014/30/EU and by the Electromagnetic Compatibility Regulation 2016 (UK). Read the EU and UKCA declarations of conformity on our website:

https://www.silca.biz/s-en/products-solutions/products/automotive

IT Con la presente Advanced Diagnostics Ltd dichiara che questo Cavo è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/30/UE e dal Electromagnetic Compatibility Regulation 2016 (UK). Le dichiarazioni di conformità EU e UKCA possono essere consultate al seguente indirizzo:

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DE Mit diesem Schreiben erklärt Advanced Diagnostics Ltd, dass dieses Kabel den grundlegenden Anforderungen und den weiteren einschlägigen Bestimmungen der Richtlinie 2014/30/EU und der Electromagnetic Compatibility Regulation 2016 (UK) übereinstimmt. Die EU- und UKCA-Konformitätserklärungen können unter folgender Adresse abgerufen werden:

https://www.silca.biz/s-de/produkte/produkte/automotive

FR Advanced Diagnostics Ltd déclare par la présente que ce Câble est conforme aux conditions essentielles et autres prescriptions afférentes fixées par la directive 2014/30/UE et dans le Electromagnetic Compatibility Regulation 2016 (UK). Les déclarations de conformité de l'UE et de l'UKCA sont disponibles à l'adresse suivante:

https://www.silca.biz/s-fr/produits-solutions/produits/automotive

ES Por medio de la presente Advanced Diagnostics Ltd declara que este Cable está conforme con los requisitos esenciales y con otras disposiciones pertinentes establecidas por la directiva 2014/30/UE y el Electromagnetic Compatibility Regulation 2016 (UK). Las declaraciones de conformidad de la UE y de la UKCA pueden encontrarse en la siguiente dirección:

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PT Com a presente, a Advanced Diagnostics Ltd declara que este Cabo cumpre os requisitos essenciais e as demais disposições relativas definidas pela directiva 2014/30/UE e no Electromagnetic Compatibility Regulation 2016 (UK). As declarações de conformidade da UE e da UKCA podem ser encontradas no seguinte endereço:

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NL Hierbij verklaart Advanced Diagnostics Ltd dat dit Kabel voldoet aan de essentiële eisen en overige toepasbare bepalingen vastgelegd in de Richtlijn 2014/30/EU en de Electromagnetic Compatibility Regulation 2016 (UK). De EU- en UKCA-conformiteitsverklaringen zijn te vinden op het volgende adres:

https://www.silca.biz/s-nl/products-solutions/products/automotive

DECOMMISSIONING

INFORMATION TO USERS

From 'Actuation of Directive 2012/19/EU regarding Waste Electrical and Electronic Equipment (WEEE)'

The symbol of a crossed waste bin found on equipment or its packing indicates that at the end of the product's useful life it must be collected separately from other waste so that it can be properly treated and recycled. In particular, separate collection of this professional equipment when no longer in use is organized and managed:

a) directly by the user when the equipment was placed on the market before 31 December 2010 and the user personally decides to eliminate it without replacing it with new equivalent equipment designed for the same use;

b) by the manufacturer, that is to say the subject which was the first to introduce and market new equipment that replaces previous equipment, when the user decides to eliminate equipment placed on the market before 31 December 2010 at the end of its useful life and replace it with an equivalent product designed for the same use. In this latter case the user may ask the manufacturer to collect the existing equipment;

c) by the manufacturer, that is to say the subject which was the first to introduce and market new equipment that replaces previous equipment, if it was placed on the market after 31 December 2010;

With reference to portable batteries/accumulators, when such products are no longer in use the user shall take them to suitable authorized waste treatment facilities.

Suitable separate collection for the purpose of forwarding discarded equipment and batteries/accumulators for recycling, treatment or disposal in an environmentally friendly way helps to avoid possible negative effects on the environment and human health and encourages re-use and/or recycling of the materials making up the equipment.

To remove batteries/accumulators, consult the manufacturer's specific instructions: (see relevant chapter in the users' manual).

The sanctions currently provided for by law shall apply to users who dispose of equipment, batteries and accumulators in unauthorized ways.

Thank you for your purchase

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