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Safety Information

For your own safety and the safety of others, and to prevent damage to the device and vehicles upon which it is used, it is important that the safety instructions presented throughout the product user manual be read and understood by all persons operating or coming into contact with the device.

There are various procedures, techniques, tools, and parts for servicing vehicles, as well as in the skill of the person doing the work. Because of the vast number of test applications and variations in the products that can be tested with this equipment, we cannot possibly anticipate or provide advice or safety messages to cover every circumstance. It is the automotive technician's responsibility to be knowledgeable of the system being tested. It is crucial to use proper service methods and test procedures. It is essential to perform tests in an appropriate and acceptable manner that does not endanger your safety, the safety of others in the work area, the device being used, or the vehicle being tested.

Before using the device, always refer to and follow the safety messages and applicable test procedures provided by the manufacturer of the vehicle or equipment being tested. Use the device only as described in this manual. Read, understand, and follow all safety messages and instructions in this manual.

Safety Messages

Safety messages are provided to help prevent personal injury and equipment damage. All safety messages are introduced by a signal word indicating the hazard level.

⚠ DANGER
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

⚠ WARNING
Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

Safety Instructions

The safety messages herein cover situations Auro is aware of. Auro cannot know, evaluate or advise you as to all of the possible hazards. You must be certain that any condition or service procedure encountered does not jeopardize your personal safety.

⚠ DANGER

When an engine is operating, keep the service area WELL VENTILATED or attach a building exhaust removal system to the engine exhaust system. Engines produce carbon monoxide, an odorless, poisonous gas that causes slower reaction time and can lead to serious personal injury or loss of life.

SAFETY WARNINGS

- Always perform automotive testing in a safe environment.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Operate the vehicle in a well ventilated work area, for exhaust gases are poisonous.
- Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.
- Put blocks in front of the drive wheels and never leave the vehicle unattended while testing.
- Be extra cautious when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- Keep a fire extinguisher suitable for gasoline, chemical, and electrical fires nearby.
- Do not connect or disconnect any test equipment while the ignition is on or the engine is running.
- Keep the test equipment dry, clean, free from oil, water or grease. Use a mild detergent on a clean cloth to clean the outside of the equipment as necessary.
- Do not drive the vehicle and operate the test equipment at the same time. Any distraction may cause an accident.
- Refer to the service manual for the vehicle being serviced and adhere to all diagnostic procedures and precautions. Failure to do so may result in personal injury or damage to the test equipment.
- To avoid damaging the test equipment or generating false data, make sure the vehicle battery is fully charged and the connection to the vehicle DLC is clean and secure.
- Do not place the test equipment on the distributor of the vehicle. Strong electro-magnetic interference can damage the equipment.

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Introduction

This manual introduces how to conduct 2004-2007 Chrysler Key Learning on Auro OtoSys IM600.

Two options are available when accessing the IMMO function:

- Manual Selection - the user can select the model, year and key type of the vehicle to locate the IMMO type and perform the IMMO function.
- System Selection - the user can directly select the IMMO system and IMMO type of the vehicle to perform the IMMO function.

➢ **Procedures before getting started:**

1. Connect the OtoFlash to the vehicle's DLC via the included main cable for both communication and power source.

2. Connect the OtoFlash to the IM600 tablet via BT pairing or USB connection.

3. Make sure the user has access to WiFi service.

✎**NOTE**

Illustrations used in this manual are samples, and the actual testing screens may vary by vehicle. Observe the menu titles and on-screen instructions to make correct selections and operations.

Key Learning via Manual Selection

1. Insert an original key into the ignition switch and then turn on the ignition.

2. Turn on the IM600 tablet and then tap **OtoSys** > **IMMO**. A vehicle menu displays and a disclaimer prompts up. Tap **Accept** to continue.

Figure 1 *Sample Main Interface*

Figure 2 *Sample OtoSys Job Menu*

3. Tap **Chrysler** on the vehicle menu.

Figure 3 *Sample Vehicle Menu*

4. Tap **Manual Selection** on the mode menu, and then select the model, year and key type of the vehicle.

✏ NOTE

You can click the icon near the top-right corner to record the operation data. If you encounter any difficulties, click the icon again to send us the data and the problem, so that our engineers could help. The network should be connected when uploading the data.

Figure 4 *Sample Mode Menu*

Figure 5 *Sample Model Menu*

Figure 6 *Sample Year Menu*

Figure 7 *Sample Key Type Menu*

5. Tap **Read Immobilizer Password (CAN)** on the function menu to read the immobilizer password. Then tap **OK** and exit to the function menu.

✎ **NOTE**

The immobilizer password is needed when performing the Key Learning function, so please memorize or take notes of the password.

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Figure 8 *Sample Read Immobilizer Password Screen 1*

Figure 9 *Sample Read Immobilizer Password Screen 2*

6. Tap **Immobilizer (CAN)** > **Key Learning**. Then a Key Learning menu displays.

🖊**NOTE**

● Old Key Learning: If the BCM module is replaced or the original key(s) can't work, the user can perform this function to adapt the original key(s) to the IMMO system of the vehicle.

● New Key Learning: The user can perform this function to adapt new key(s) to the IMMO system of the vehicle.

Figure 10 *Sample Function Select Screen 1*

Figure 11 *Sample Function Select Screen 2*

Figure 12 *Sample Function Select Screen 3*

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7. Take New Key Learning as an example. Insert the key to be learned into the ignition switch, turn the ignition on and tap **New Key Learning** on the menu.

Figure 13 *Sample Key Learning Screen 1*

8. Input the 4-digit immobilizer password and tap **OK** to continue.

Figure 14 *Sample Key Learning Screen 2*

9. Verify the password and tap **OK** to continue.
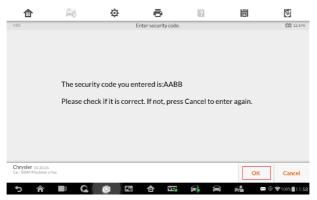
Figure 15 *Sample Key Learning Screen 3*

10. Read the information of keys and tap **Yes** to continue the learning procedure. When New Key Learning is completed, tap **OK** to exit.

Figure 16 *Sample Key Learning Screen 4*

Figure 17 *Sample Key Learning Screen 5*

Key Learning via System Selection

1. Insert an original key into the ignition switch and then turn on the ignition.

2. Turn on the IM600 tablet and then tap **OtoSys** > **IMMO**. A vehicle menu displays and a disclaimer prompts up. Tap **Accept** to continue.

Figure 18 *Sample Main Interface*

Figure 19 *Sample OtoSys Job Menu*

3. Tap **Chrysler** on the vehicle menu.

Figure 20 *Sample Vehicle Menu*

4. Tap **System Selection** on the mode menu.

⊘ NOTE

You can click the icon near the top-right corner to record the operation data. If you encounter any difficulties, click the icon again to send us the data and the problem, so that our engineers could help. The network should be connected when uploading the data.

Figure 21 *Sample Mode Menu*

5. Tap **Read Immobilizer Password (CAN)** on the function menu to read the immobilizer password. Then tap **OK** and exit to the function menu.

✎**NOTE**

The immobilizer password is needed when performing the Key Learning function, so please memorize or take notes of the password.
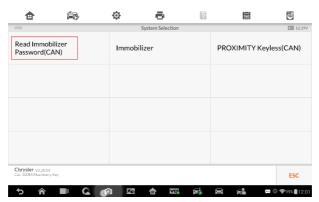

Figure 22 *Sample Read Immobilizer Password Screen 1*

Figure 23 *Sample Read Immobilizer Password Screen 2*

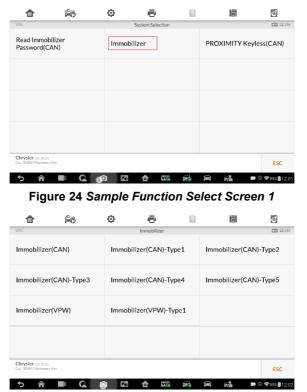6. Tap **Immobilizer** on the function menu and then select the IMMO type of the vehicle.

Figure 24 *Sample Function Select Screen 1*

Figure 25 *Sample System Menu*

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7. Tap **Key Learning** on the function menu. Then a Key Learning menu displays.

NOTE
- Old Key Learning: If the BCM module is replaced or the original key(s) can't work, the user can perform this function to adapt the original key(s) to the IMMO system of the vehicle.
- New Key Learning: The user can perform this function to adapt new key(s) to the IMMO system of the vehicle.
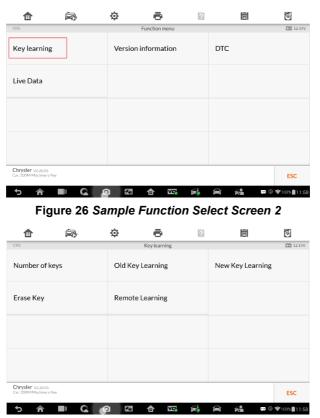
Figure 26 *Sample Function Select Screen 2*

Figure 27 *Sample Function Select Screen 3*

8. Take New Key Learning as an example. Insert the key to be learned into the ignition switch, turn the ignition on and tap **New Key Learning** on the menu.

Figure 28 *Sample Key Learning Screen 1*

9. Input the 4-digit immobilizer password and tap **OK** to continue.

Figure 29 *Sample Key Learning Screen 2*

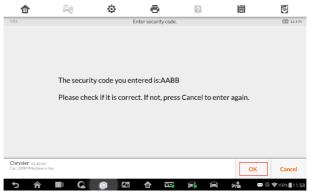10. Verify the password and tap **OK** to continue.

Figure 30 *Sample Key Learning Screen 3*

11. Read the information of keys and tap **Yes** to continue the learning procedure. When New Key Learning is completed, tap **OK** to exit.
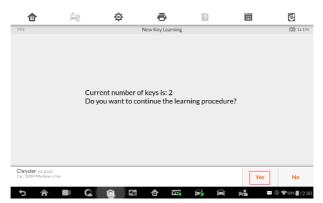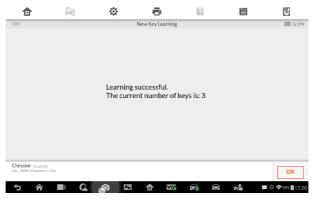

Figure 31 *Sample Key Learning Screen 4*

Figure 32 *Sample Key Learning Screen 5*