MAZDA

COBB®
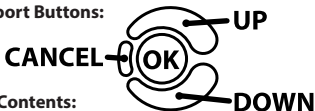
ACCESSPORT

QUICK START GUIDE

PRODUCT INTRODUCTION

Congratulations on the purchase of a new Accessport hand-held programmer. This quick start guide explains how to install the Accessport on your vehicle. Refer to the Accessport user manual located online at www.cobbtuning.com/mazda-ap. Check the website for more information about features, capabilities and additional instructions.

The Accessport can:
• Reprogram the factory engine control unit (ECU) with improved tuning parameters through the on-board diagnostic (OBD-II) port
• Monitor vehicle sensor data
• Read and clear engine diagnostic trouble codes (DTCs)
• Measure 0-60 and 1⁄4 mile times
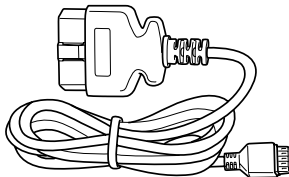• Monitor current and average fuel economy

Accessport Buttons:

UP
CANCEL — OK
DOWN

In-Box Contents:

Accessport   OBD-II Cable   USB Cable

Please visit www.cobbtuning.com/apmanager to download Accessport Manager for your computer operating system as well as get access to the latest COBB Tuning Off-The-Shelf maps for your Accessport.
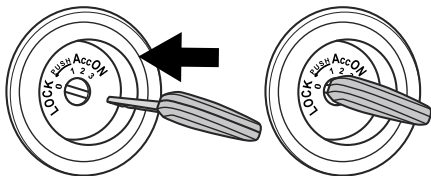
If you have issues transferring maps or updating the Accessport while using USB 3.0 ports, please try using a USB 2.0 hub adapter. For any questions, please contact our support team at 866-922-3059 or support@cobbtuning.com
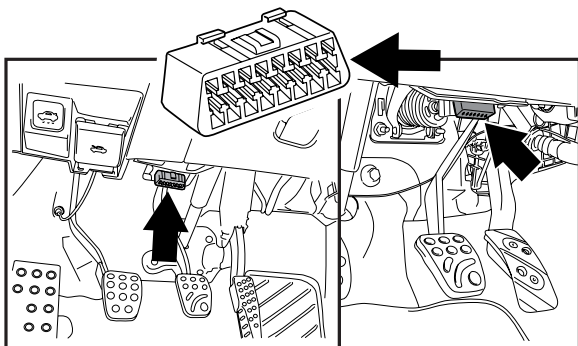
ACCESSPORT INSTALLATION

IMPORTANT! For installation purposes, it is important to ensure that the vehicle's battery has adequate power for both the Accessport and the ECU. Because of this, it is recommended that all in-car electronics and vehicle lights are turned off during the installation process to reduce drain on the vehicle's battery. For improved safety during installation, a car battery charger can be connected to the vehicle during the installation process
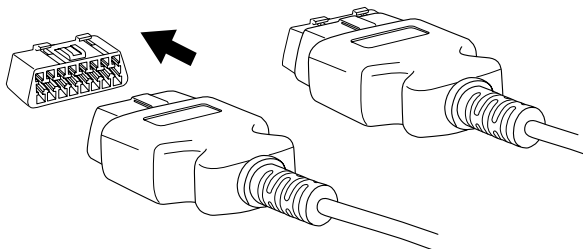
Getting Started:

1. You will need the Accessport, OBD-II cable to perform the installation. Insert the key into the vehicle's ignition and leave it in the OFF position.
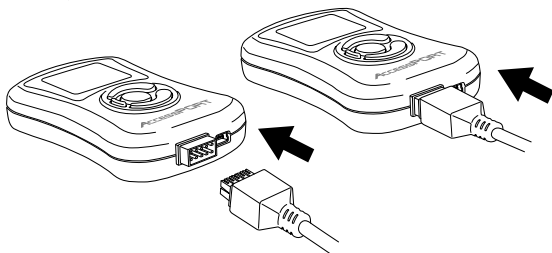

2. Locate the vehicle's female OBD-II port under the right side of the driver's side dash.
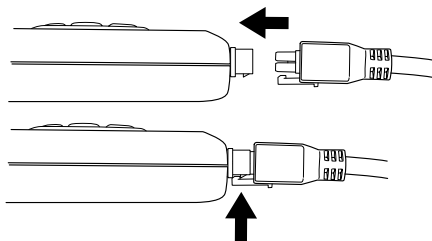
3. Plug the OBD-II cable into the OBD-II port under the dash of vehicle.

4. Connect the small end of the OBD-II cable to the 10 pin port on the bottom of the Accessport. NOTE: Your Accessport may only have 9 pins. This is by design.
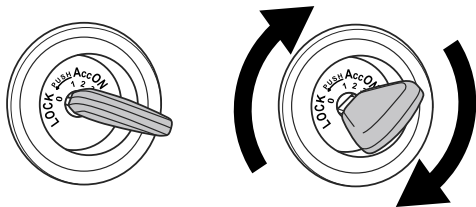

5. Make sure the clasp on the OBD-II cable firmly engages the tab on the 10 pin port.

6. Turn the key to the ON position, turn off AC/heater fans and headlights, and make sure all doors are shut.

NOTE: The engine should not be running.

7. Select **Install** to proceed with installation.

WARNING!
Do not disturb the Accessport or OBD-II cable while installation is taking place. Failure to do so may result in incomplete ECU reprogramming which will render the vehicle inoperable.

Vehicle Identification:
The Accessport will attempt to automatically determine the target vehicle for installation.

If the Accessport successfully identifies the vehicle:
Verify that the identified vehicle is correct and press OK to confirm.

If an error occurs:
Please reference the Troubleshooting section of the Accessport User Manual for additional information. The Accessport User Manual can be found online at www.cobbtuning.com/mazda-ap

Map Selection:
After the Accessport identifies the vehicle, it will present a list of maps for that vehicle. The map selected will become the base map for the vehicle. To ensure the best performance, select the map that most closely matches the modification level of the vehicle. Select a map and press OK to view detailed information about that map. After confirming that the selected map is correct, press OK again to proceed, or press CANCEL to return to the map selection list.
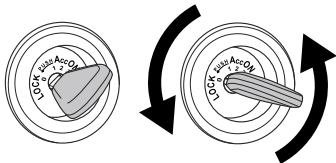
Save Stock ECU Program Data:
The Accessport has the ability to save the stock ECU program data. However, it takes approximately 30 minutes to complete. Pressing CANCEL will skip the process of saving the stock data; pressing OK will proceed with saving the stock data. A battery charger will be needed to complete the save. The stock data is used during the uninstall process to return to stock. If the stock data is not saved, stock data supplied with the Accessport will be used when the Accessport is uninstalled. There is no disadvantage to skipping this step and using the stock data supplied with the Accessport.

Install Accessport Programming:
With the stock ECU data saved, the Accessport will proceed with installation to the vehicle. At this point the Accessport reprograms the vehicle's ECU with new program data and calibration parameters from the selected map file. This process will take several minutes to complete.

Installation Complete:
The last step of the installation process is the clearing of trouble codes When this step is complete turn off the ignition and wait for approximately 10 seconds. After that is done your screen should now display "Installation Complete". You may now unplug the Accessport from the vehicle. The Accessport does not need to be plugged in to the vehicle again until a map change is necessary, however, it can remain plugged in to use the Performance testing, Live Data monitoring and Data Logging features. Please note that the Accessport is designed to work with only one vehicle at a time. Once the Accessport is installed, it cannot be used with another vehicle until it is uninstalled from the original vehicle.

MAP & FIRMWARE MANAGEMENT

What Is A Map?

The Accessport reprograms the tuning parameters inside the factory engine control unit (ECU) using map files, which contain specially written instructions for the Accessport to follow during the reprogramming process. A given map file contains programming information to properly calibrate the ECU for a specific set of modifications to a vehicle. In addition to calibrating for specific modifications, maps are also programmed for different uses, such as improved performance, higher fuel efficiency, alternate fuel grades, anti-abuse (valet) and anti theft. Through the use of the Accessport and different map files, the ECU can be reprogrammed to accommodate the user's immediate need.

Downloading and Installing the Accessport Manager Software:

The Accessport Manager Software can be found at www.cobbtuning.com/apmanager. Please follow all on-screen instructions during the installation process.

Acquiring And Loading New Accessport Maps:

The Accessport ships with a number of pre-installed maps that are up-to-date at the time of shipping. However, it is possible that newer revisions of maps have been made available, or that the Accessport did not come pre-installed with a map that is appropriate for the target vehicle. To load a new or updated map to the Accessport, simply download and the map file to an easy to remember location (My Documents, Desktop, etc.). Then, drag and drop the map file in to AP Manager to transfer it to your Accessport. Continue this process for all desired maps.

How do I update the software on my Accessport?

Designed with user friendliness in mind, Accessport Manager will automatically communicate with COBB's servers to find and download the latest Accessport application and firmware packages. Simply plug in the Accessport, using the provided USB cable, and launch Accessport Manager. All firmware details are handled for you. Just sit back and wait for completion.

COBB®

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