



RX-8
2004-2008

AccessPORT™

Getting Started

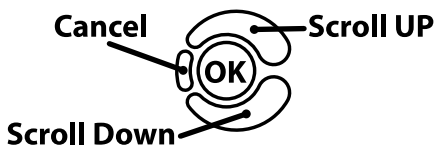
Product Introduction

Congratulations on the purchase of the new AccessPORT handheld programmer.

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 using on-screen analog or digital gauges
- Read and clear engine diagnostic trouble codes (DTCs)
- Measure 0-60 and 1/4 mile times
- Monitor current and average fuel economy

AccessPORT Buttons:

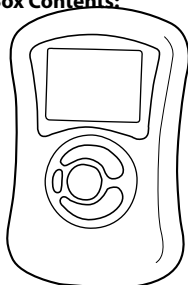


Supported Vehicle List:

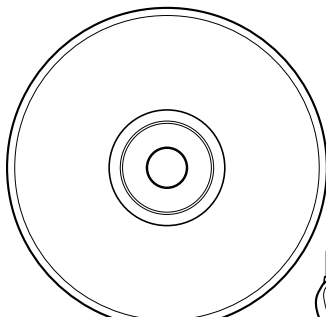
- 2004-2008 RX-8*

**Not all vehicle types supported upon initial release*

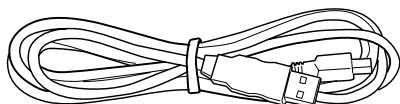
In-Box Contents:



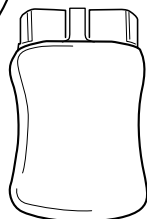
AccessPORT



AP Software CD



USB Cable



OBD-II Connector

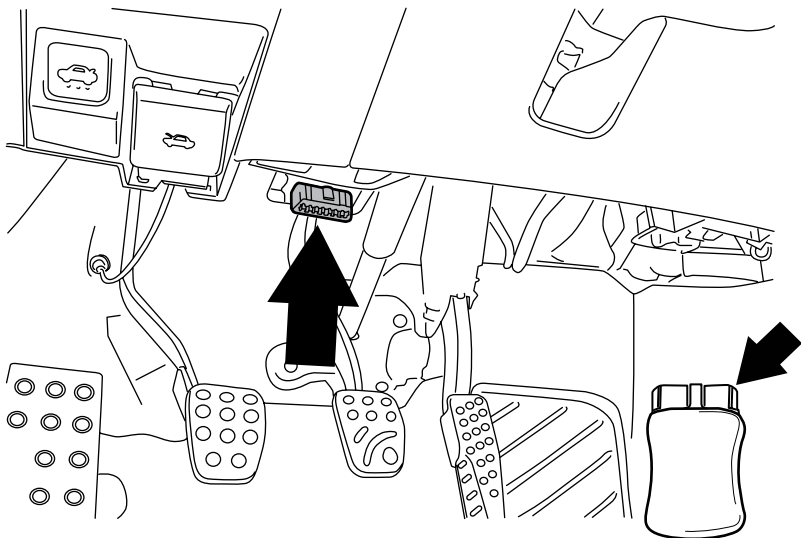
AccessPORT Installation

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. 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. Connect the small end of the provided USB cable to the mini-USB port on the back of the OBD dongle.
4. Plug the OBD dongle into the OBD-II port under the dash of vehicle.
5. Plug the large end of the USB cable into the standard USB port on the underside of your AccessPORT. At this point the AccessPORT will power up and present the installation menu.
6. Select **Install** to proceed with installation.



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's Guide located on the provided AccessPORT CD for additional information.

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:

After confirming the installation map, the AccessPORT will download the current stock ECU program data from the vehicle. This AccessPORT saves this data for use during the uninstall process to ensure that the vehicle is completely returned to stock. The download process will take 3 - 4 minutes to complete.

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.

WARNING!

Do not disturb the AccessPORT, the USB cable, or the OBD connector while installation is taking place. Failure to do so may result in incomplete ECU reprogramming which will render the vehicle inoperable.

Installation Complete:

Your screen should now display **"Installation Complete. Turn key to off position."** The AccessPORT is now successfully installed. Turn the key to the OFF position, unplug the OBD connector and wait for approximately 10 seconds. The AccessPORT does not need to be plugged into the vehicle again until a map change is necessary. 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.

AP Manager

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 map file can contain information for any number of different modifications or enhancements to a vehicle, ranging from a race map for a heavily modified vehicle to an economy map for a stock vehicle. Through the use of the AccessPORT and different map files the ECU can be reprogrammed to accommodate virtually any vehicle configuration.

Installing the AccessPORT AP Manager Software:

Insert the AP Manager Software CD into your computer's CD or DVD reader. The software will automatically install itself on to your computer. 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 check for newer or different maps, please direct your web browser to the AccessPORT map download page at <http://www.cobbforums.com/maps>. The most up-to-date maps are always made available on this page.

To load a new map to the AccessPORT, simply download the desired map from the AccessPORT map download page. Save the map file to an easy-to-remember location (My Documents, Desktop, etc.). After the map file is completely downloaded, double-click the map file to automatically run the AP Manager software and import it to the map library. With the map file in the AP Manager library, simply right-click on the map and select "Send to AccessPORT." Continue this process for all desired maps.

The AccessPORT is now completely up-to-date!



COBBTUNING.COM™

ph: 801 713 0035 fax: 801 478 0925

3362 West 1820 South, Salt Lake City, UT 84104

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