



HomeLink[®]. The integrated garage door opener
Operating Instructions and Programming Guidelines

January 21, 2008

This document applies specifically to the
HomeLink[®] System (Europe)
for the 911 Carrera (S), Boxster (S) and Cayman S
with the transmitter unit in the front bumper

**Take advantage of our service –
the reliable link between you and us.**



If you have any questions or would like further details, go to
www.eurohomelink.com or send us an e-mail:
info@eurohomelink.com



or call our toll-free **HomeLink Hotline: 008000 466 354 65.**

Description

The HomeLink system provides a convenient way to replace up to three remote controls with a single built-in component. This innovative feature learns the radio frequency codes of most remote controls currently used in Europe to activate garage doors, property gates, security systems and home or office lighting.

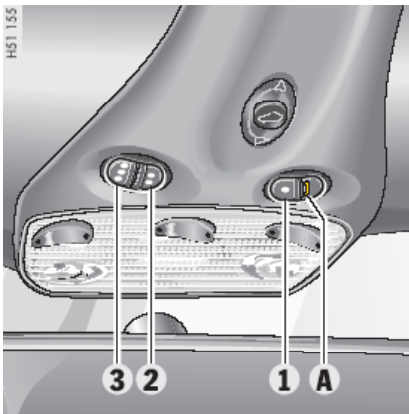
For more information on HomeLink and/or HomeLink compatible products, call our **toll-free HomeLink Hotline** on **008000 466 354 65** or refer to the HomeLink **website www.eurohomelink.com**.

Precautions



- When programming the HomeLink system to a gate or garage door opener, make sure that people and objects are out of the way to prevent potential harm or damage, in particular injuries due to trapped limbs.
- Retain the original remote control for future programming procedures (e.g. new vehicle purchase). It is also suggested that upon sale of the vehicle, the programmed HomeLink buttons should be erased for security purposes (see *Erasing Programmed HomeLink Buttons*).

Integration of HomeLink in the 911 Carrera (S), Boxster (S) and Cayman S



The HomeLink control panel with buttons 1, 2 and 3 in the roof area, immediately behind the interior light. Light diode A to display status.



The HomeLink transmitter unit in the front bumper, about 10 cm to the right¹⁾ of the vehicle's centre.

¹⁾ As seen from the driving direction

Programming

⚠ When programming the HomeLink system the best results are achieved if new batteries are inserted into the remote control for the garage door opener.

The HomeLink system is programmed using the control panel inside the vehicle and the transmitter unit, which is located in the front bumper.

Follow the safety instructions and apply the handbrake. Switch on the ignition, without starting the engine.

1. Press and hold the two outside buttons I + III on the HomeLink unit, releasing *only* when diode A begins to flash *after approximately 20 seconds*.

i This procedure erases the factory-set default codes and does not have to be followed to program additional remote controls.

2. Press HomeLink button I, II or III which you want to program and hold it down until diode A starts flashing slowly.

The HomeLink system will now remain in learning mode for five minutes.

3. Stand in front of your vehicle with the original remote control for the gate or garage door opener (or other device).

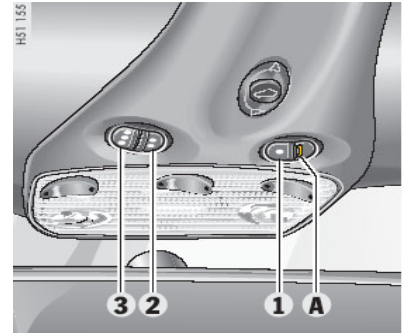
Further programming of the HomeLink system is now carried out using the HomeLink transmitter unit. This is located in the bumper, about 10 cm to the right¹⁾ of the centre of the vehicle.

Hold the original remote control at a distance of about 0 to 30 cm from this point and activate (press) the remote control.

The required distance between the remote control and the HomeLink transmitter unit in the front bumper depends on the system that you want to program.

You may require several attempts at different distances.

Maintain each setting position for at least 15 seconds before trying out another. Keep your fog lights in view whilst doing this.



¹⁾ As seen from the driving direction

Programming

4. The fog lights blink **three times** to indicate that programming has been successful.

Note: If the training time exceeds the five minutes, the fog lights blink once. If this happens, repeat steps 2 to 4.

To program the other two buttons, follow steps 2 to 4.

Operating the HomeLink System

The vehicle should be within the operating range of the garage door opener and the ignition should be switched on. The HomeLink universal remote system activates the functions of your garage door opener in exactly the same way as the original remote control.

When you have programmed the HomeLink system, press the appropriate button I, II or III on the control panel to activate the gate, garage door, security system etc.

The diode will light up while the signal is being transmitted. For convenience, the original remote control for the device may also be used at any time.

In the case of a standard code, the HomeLink diode A is constantly illuminated throughout the transmission process. For use with compatible systems, no further action is necessary.



If HomeLink does not now operate your device, this may be because your original remote control has a rolling code feature. You will find advice about this in the section on *Rolling Code Synchronisation*.

Rolling Code Synchronisation

You need to check by going through the following steps whether or not your gate or garage door opener (or other device) is equipped with a rolling code feature.

- Look in your gate or garage door opener manual for clarification.
- The remote control appears to program HomeLink but HomeLink does not operate the gate or garage door opener.
- Press and hold down the programmed HomeLink button.

With a rolling code system, the HomeLink diode flashes quickly for a short time and then stays on constantly for two seconds. This pattern repeats itself for up to 20 seconds.

If HomeLink was programmed with a rolling code system, then **after the end of the programming process** it must be synchronised with this system again before it will function properly.

Follow the instructions below for *Rolling Code Synchronisation*. (The procedure will take less time with a second person to help.)

Rolling Code Synchronisation

Your vehicle must be within the operating range of the gate or garage door opener and the ignition should be switched on. Make sure you comply with the *safety instructions* even when synchronising the rolling code.

1. Locate the training button on the gate or garage door opener motor head unit. The exact location and colour of the button may vary by gate or garage door opener brand. (Refer to the operating instructions of your gate or garage door opener, "Training additional remote controls").
2. Press the training button on the gate or garage door opener motor head unit (which will usually activate a **"training" light**).

Note: Following step 2, there are typically 30 seconds in which to initiate step 3.

3. Firmly press and release the programmed HomeLink button on the control unit. Press and release the HomeLink button *a second time* to complete the training process. (Some gate or garage door openers may require you to repeat this procedure a *third time* to complete the training.)

The gate or garage door opener should now recognise the HomeLink signal and activate when the HomeLink button is pressed.

The remaining two buttons may now be programmed if this has not previously been done. See *Programming*.

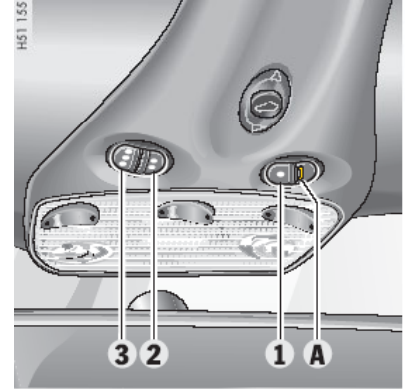
Reprogramming a Single HomeLink Button

If a HomeLink button has been programmed to activate a device, and you now wish to use this button to operate a different device, proceed as follows. This procedure will erase the existing programming of the HomeLink button in question.

1. Press the HomeLink button I, II or III which you want to program and keep holding it for about 20 seconds until the diode A starts flashing slowly.

The HomeLink system will now remain in learning mode for five minutes.

2. Stand in front of your vehicle with the original remote control for the gate or garage door opener (or other device).



Further programming of the HomeLink system is now carried out using the HomeLink transmitter unit. This is located in the bumper, about 10 cm to the right¹⁾ of the centre of the vehicle.

3. Hold the original remote control at a distance of about 0 to 30 cm from this point and activate (press) the remote control.

The required distance between the remote control and the HomeLink transmitter unit in the front bumper depends on the system that you want to program. You may require several attempts at different distances.

Maintain each setting position for at least 15 seconds before trying out another. Keep your fog lights in view whilst doing this.



4. The fog lights blink **three times** to indicate that programming has been successful.

Note: If the training time exceeds the five minutes, the fog lights blink once. If this happens, repeat steps 1 to 4.

The system previously programmed into HomeLink is now erased and the new system is ready for operation. This process has no effect on the other HomeLink buttons.

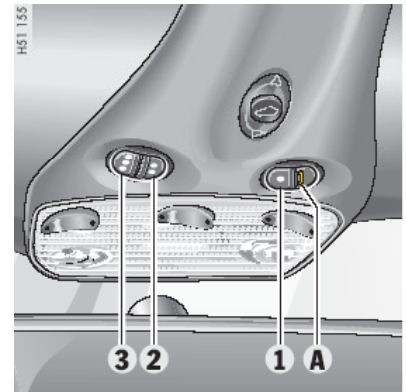
¹⁾ As seen from the driving direction

Erasing Programmed HomeLink Buttons

The HomeLink buttons can only be reprogrammed individually, but cannot be individually erased. To erase the existing programming from all three buttons, proceed as follows:

1. Press and hold the two outside buttons I and III on the HomeLink unit until diode A begins to flash after approximately 20 seconds.
2. Release both buttons.

The HomeLink system is now in setting mode (training mode) and can be reprogrammed at any time (see steps 2 to 4 in the section *Programming*).



Note: As a security precaution we recommend that you erase the programming in the HomeLink universal transmitter before selling your vehicle.

Diagnostics

If, after carefully reading and following the above instructions, you still cannot successfully train your HomeLink to your original remote control, assistance is available via our **toll-free Customer Service Hotline 008000 466 35465**. Before you call, please make sure that you have the following HomeLink *Diagnostic Information* available for reference. The Hotline operators will need this information to assist you with any difficulties you may have.

Procedure for obtaining diagnostic information directly from your HomeLink:

(Note that these steps, carefully followed, will not erase your programmed HomeLink channels).

1. To determine the *Software Revision* of your HomeLink **press and continue to hold button I or III, (but NOT both!) for about 100 seconds**, at which point the diode will stop flashing and turn completely off. **Continue to press the button**. A few seconds later, the diode will start flashing again. The number of flashes is equivalent to the software version of your HomeLink system.

For example, seven flashes would mean *Revision 7.0*.

2. To determine the *Region Code* status of your HomeLink, **press and continue to hold button II for about 100 seconds**, until the diode extinguishes and remains off. **Continue to hold button II**. A few seconds later, the diode will start flashing again. The number of flashes will indicate the *Region* that your HomeLink system has been factory programmed to operate in. For example:

One Flash	=	Rest of Europe
Two Flashes	=	France
Three Flashes	=	U.K.
Four Flashes	=	Italy

3. Additionally, the Hotline will request from you the following information about your vehicle and the original transmitter you are trying to program:
 - A. Make and model of your vehicle, including year of manufacture and country of purchase;
 - B. Original remote control brand, model, age and operating frequency, if known.

The *Software Revision* and *Region Code* status are especially important for solving training issues. Please take a moment to gather the information outlined in the above three steps *before* you call the Hotline.