



HYUNDAI Technical Service Bulletin

Group	ELECTRICAL
Number	07-90-002
Date	MARCH, 2007
Model	AZERA, SANTA FE, SONATA

Subject
PROGRAMMING HOMELINK MIRROR TO GARAGE DOOR RECEIVERS WITH ROLLING CODE TECHNOLOGY

CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY MGR	<input type="checkbox"/> SALES MANAGER

DESCRIPTION:

Several Hyundai models are equipped with HomeLink rearview mirrors. Programming the HomeLink mirror to operate a standard remote-controlled garage door opener requires that the owner have one of the original hand-held remotes. In the case of "rolling code" receivers, access to the garage door receiver (usually located on the garage door motor housing) is also required.

Most garage door openers manufactured after 1996 incorporate rolling code, or "anti-code grabbing" technology. This technology uses a coding algorithm that allows the transmitter to send a different authentication code each time the remote button is pressed, never repeating the same code twice.

This bulletin provides programming instructions for rolling code garage door openers.

A copy of this bulletin should be made available to vehicle owners that are experiencing difficulty when programming their rolling code garage door opener.

NOTE: Some vehicles may require the ignition to be turned on or to the accessory position for training and/or operation of HomeLink. It is also recommended that a new battery be installed in the hand held transmitter of the device being trained to HomeLink for quicker training and accurate transmission of the radio frequency.

CAUTION:

- Before programming HomeLink to a garage door opener, make sure that people and objects are out of the way of the device to prevent harm or damage.
- Your motorized garage door will open and close while you are programming HomeLink. Do not program HomeLink if people or pets are in the path of the door or gate. A moving garage door can cause serious injury or death to people and pets or damage to objects.
- Do not run the vehicle's engine while programming HomeLink. Vehicle exhaust contains carbon monoxide, a dangerous gas. Exhaust gas can cause serious injury or death. When programming a garage door opener, it is advised to park outside of the garage.

Do not use HomeLink with any garage door opener that lacks safety stop-and-reverse features as required by U.S. federal safety standards (this includes any garage door opener model manufactured before April 1, 1982). A garage door that cannot detect an object, signaling the door to stop and reverse, does not meet current U.S. federal safety standards.

PROCEDURE:

1. For first time training, press and hold the two outer HomeLink buttons, releasing only when the HomeLink indicator light begins to flash after 20 seconds.

NOTE: Do not perform this step when training the additional HomeLink buttons.

2. Position the hand-held transmitter 1-3 inches away from the HomeLink mirror, keeping the HomeLink indicator light in view.
3. Using both hands, simultaneously press and hold both the desired HomeLink button and the hand held transmitter button.



DO NOT release until the HomeLink indicator light flashes slowly and then rapidly.

When the indicator light flashes rapidly, both buttons may be released. The rapid flashing indicates successful training and the procedure is complete. This also indicates that the garage door opener does not use rolling code technology.

NOTE: The garage door may open or close during this step.

Steps 4 through 7 are only necessary if the HomeLink button appears to be transmitting after step 3, but the garage door does not operate.

4. Press and hold the trained HomeLink button and observe the indicator light.

If the indicator light is solid/continuous, training is complete and your device should activate when the HomeLink button is pressed and released.

If the indicator light blinks rapidly for 2 seconds and then turns a solid/continuous light, proceed with the following training instructions for a rolling code device. A second person may make the following steps quicker and easier. It is recommended that a ladder or similar device be used to obtain access to the motor housing. Do not stand on the vehicle to perform the next steps.



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5. At the garage door opener receiver (motor housing) in the garage, locate the “learn” or “smart” button (usually near the hanging antenna wire attached to the unit). If there is difficulty locating the training button, refer to the garage door opener’s manual.
6. Press and release the “learn” or “smart” button (the name and color of the button may vary by manufacturer).

NOTE: Once the button is pressed, there are 30 seconds in which to initiate the next step.

7. Return to the vehicle and firmly press and hold the trained HomeLink button for two seconds and release. Repeat the “press/hold/release” sequence up to 3 times to complete the training process. If successful, your garage door should open or close during this step.

If the vehicle owner continues to have difficulty programming their HomeLink mirror, please have them contact HomeLink customer service directly at 1-800-355-3515 or www.homelink.com for further assistance.