| Garage Door Opener – Programming Procedure | MODEL
  1997 MY-ON XK8 Range
  1998 MY-ON V8 Sedan
VIN
      012649-ON
      812256-ON |

Issue:

This bulletin gives the procedure for programing non-rolling code, as well as, rolling code garage door openers (GDO). The rolling code GDO is compatible with older non-rolling code garage door opener receivers.

The garage door opening equipment comprises an electronic module fitted in the vehicle's roof console. This module can be programmed to transmit the radio frequencies of up to three (3) of the owner's current hand-held transmitters, for the operation of garage doors, gates, lighting or security systems, and other radio frequency operated services.

> ⚠ **WARNING:**
> 1. This GDO must not be used with installations that do not have a sensor that will automatically 'stop' and 'reverse' a closing garage door if an object is detected in its path.
> 2. When programming a channel, the system that you are programming will be activated if it is within signal range, therefore, make sure that people or objects are clear of the garage doors or gates being opened or closed.

Action:

To program the GDO's roof console module proceed as follows:

NON-ROLLING CODE GARAGE DOOR OPENER (RED LED)

> **Note**: The GDO may not program to older garage door openers that do not meet current Federal Consumer Safety Standards.

1. Switch off the engine.
2. Decide which of the four channels you wish to train.
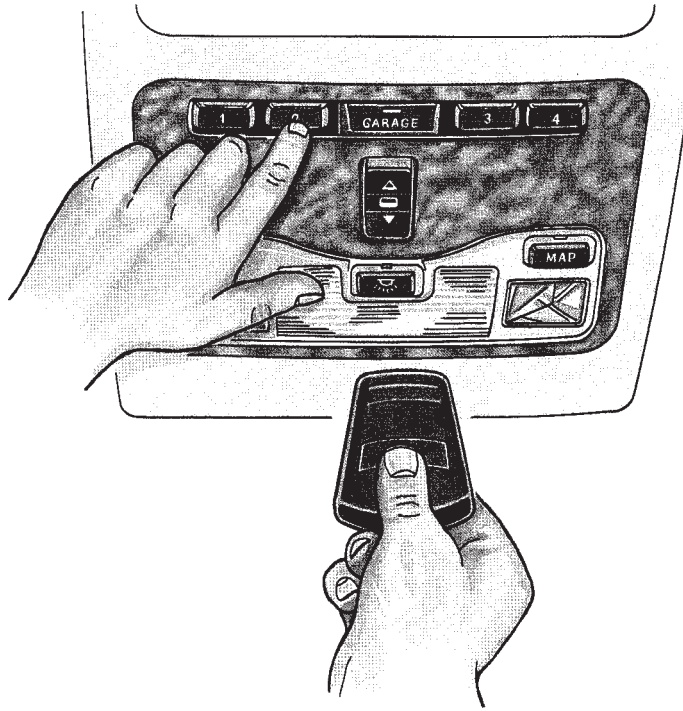
PROGRAMMING SEDAN RANGE GARAGE DOOR OPENER

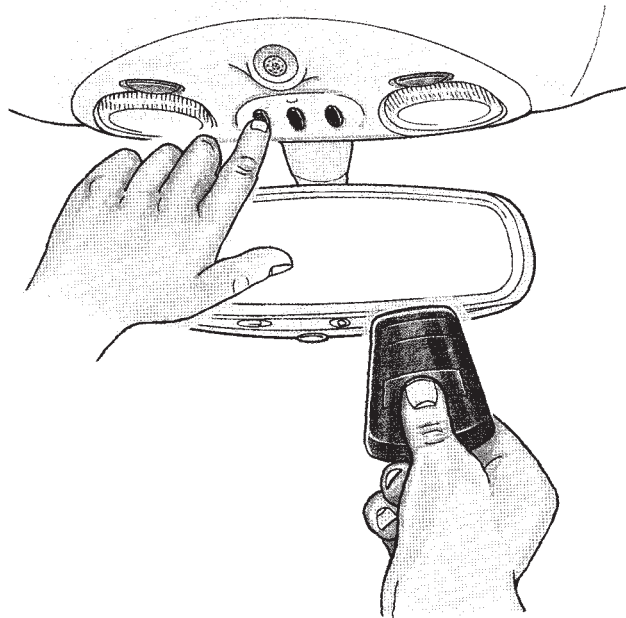ILLUSTRATION 1

PROGRAMMING XK8 GARAGE DOOR OPENER

ILLUSTRATION 2

3. Hold the end of your hand-held transmitter against the roof console just forward of the courtesy light and map lights, as shown in Illustrations 1 and 2.

4. Using both hands, press both the hand-held transmitter button and the selected channel button on the roof console. DO NOT RELEASE EITHER button until step 5 has been carried out.

5. Hold down both buttons until you see the red light marked 'GARAGE' on the roof console flash slowly at first, then rapidly. This could take up to one minute, or more. Release both buttons when the red light flashes rapidly. This rapid flashing indicates that the GDO transmitter has been successfully programmed to match your hand-held transmitter.

The old hand-held transmitter can now be set aside and the roof console button used in future.

> **Note:** (Canada only) During programming, the hand-held transmitter may automatically stop transmitting after one or two seconds, which may not be long enough for the GDO to be programmed. If you are programming using one of these transmitters, continue to press the selected channel button while pressing the hand-held transmitter button every two seconds. This action may have to be repeated several times to achieve successful programming; Indicated by rapid flashing of the red 'GARAGE' light....

Program the other channels, as required, using hand-held transmitters previously used for other electronic services.

'CODE PROTECTED' OR 'ROLLING CODE' GDO (YELLOW LED)

If you have successfully programmed the GDO but the garage door will not open, and if your GDO receiver (garage unit) was manufactured after 1995, your system may have a rolling code feature. This feature will change the code of your GDO every time you open or close your garage door.

To determine if you have one of these systems. press the button previously programmed on the roof console. If the yellow light marked 'GARAGE' flashes rapidly for 1 to 2 seconds then turns solid, your garage door opener has a rolling code feature.

To train your GDO receiver to operate from the GDO transmitter, follow the steps below:

1 . Follow the previous steps 1 to 5 to program one of the roof console buttons.

2. Remove the cover panel from your GDO receiver. The receiver should be located near to the GDO motor.

3. Locate the training button on the GDO receiver. The exact location and color of the button may vary by (GDO brand. Refer to your GDO owners manual if necessary.

4. Press the training button on the GDO receiver for 1 to 2 seconds.

5. Return to the vehicle and press the programmed button on the roof console for the duration of the rapid flash of the yellow light (1 to 2 seconds). Release the button and then re-press to confirm that the transmitter has been trained to the receiver.

The GDO receiver should now recognize the GDO transmitter.

OPERATING THE GDO

To operate: Simply press the appropriate button on the roof console. The red/yellow light marked 'GARAGE' on the roof console comes on when the signal is being transmitted.

> **Note:** The effective range of the GDO transmitter may differ from your old hand-held transmitter.

TRANSMITTER PROGRAMMING TROUBLE-SHOOTING

If the GDO transmitter does not program to your hand-held transmitter, re-read the instructions carefully and repeat the steps. It still unsuccessful, read the following important details:

• Check that the batteries in the hand-held transmitter are not dead.

• Hold the hand-held transmitter in the precise position shown in the illustration.

• Press and hold the two buttons, without interruption, for the duration of the programming.

• Turn the hand-held transmitter round and re-program using the opposite end. For the best results use the opposite end to the battery compartment when programming.

To erase previously programmed frequencies:

Press and hold buttons 1 and 4 until the red light marked 'GARAGE' begins to flash. This will erase all four channels. Individual channels cannot be erased, but can be re-programmed at any time by conducting the programming procedures over again.

This appliance complies with Part 15 of the USA Federal Communications Commission (FCC) rules. Operation is subject to the following two conditions:

1. The devices may not cause harmful interference.

2. The devices must accept any interference received including interference that may cause undesired operation.

> **Caution:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Parts Information

DESCRIPTION	PART NUMBER	QTY
Rolling code GDO XK8	LJA 2290AB	1
Rolling code GDO Sedan	LNC 2290AA	1