

- Step 1. Enter the vehicle normally.
- Step 2. Using your key, turn "on" the ignition. Be prepared to perform the following Step before 5 seconds expires.
- Step 3. Within 5 seconds, press and release the Valet Switch*. The system will be immediately overridden.

**Important: If a coded valet has been programmed you must enter your secret code to perform this override.*

Once the activated system has been overridden, if Valet Mode is desired, holding the Valet Switch depressed for two seconds will place the system into Valet Mode.

Starter Disable

The REC-11 provides an active Starter Disable output (which engages every time the transmitter is used to lock the doors), and may be configured, if desired, to also provide an automatic (passive) Starter Disable. The optional passive Starter Disable may qualify you for an insurance discount, so please check with your insurance agent.

Active Starter Disable: Whenever the doors are locked via the transmitter, the Starter Disable will instantly engage. Unlocking the doors with the transmitter will deactivate the Starter Disable circuit, allowing the engine to be started. Please note that the Starter Disable may be configured to automatically reengage 90 seconds after the doors are unlocked by the transmitter; or, to engage automatically 90 seconds after the ignition switch is turned "off". These automatic Starter Disable options are explained in more detail in the "User Programmable Features" section of this Owner's Manual.

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- 5) Within 10 seconds press the LOCK button on the first transmitter you wish to encode to the system. The piezo will sound then beep twice to indicate the transmitter's code is learned by the system. It is only necessary to press the LOCK button.
- 6) Repeat Step 5 within 10 seconds for each additional transmitter. As each transmitter is learned, the buzzer will sound, which is then followed by beeps indicating the number of the transmitters learned. The system will exit the Transmitter Programming Mode when the ignition switch is turned "off", after 18 seconds of not receiving a transmitter broadcast, or upon learning the fourth transmitter. The exiting of Transmitter Programming Mode is indicated by the piezo or horn sounding twice.

Dealer Programmable Options

Your REC-11 has operational features which may be programmed by the installing dealer. Some of these features enhance the system's operating characteristics, while others are an aid to the installer which allow extreme flexibility in adapting the system to the different design parameters of the vehicle. Please see your dealer for more detailed information. The following features affect daily operation:

- Independent Automatic Locking And Unlocking Activated By The Ignition Switch: The system may be configured to automatically lock the doors when the ignition switch is turned "on", and to automatically unlock them when the ignition switch is turned "off". This system allows the unique capability of only automatically locking, and not unlocking them; or, if installed with driver door unlock priority, unlocking only the driver's door when the ignition switch is turned "off". The last option is probably desirable as a child safety feature.

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Programming Transmitters

Programming Transmitters To Operate Your System: To use an additional or replacement transmitter, its unique digital code must first be added to the control module's memory. The dealership where you purchased your system can provide and program transmitters for you, or you may program the transmitters yourself if you can access the system's control module. If you wish to program a transmitter, please follow these Transmitter Programming Mode procedures carefully:

- 1) Have all the transmitters that you wish to operate your system at hand. Any time a transmitter code is programmed into your system, all existing codes are automatically erased. This, in addition to the Automatic Transmitter Verification™ feature, prevents someone from adding an unauthorized transmitter to your system.
- 2) Access the system's control module and locate the Valet Switch.
- 3) Turn the ignition switch "on"; within 5 seconds press the Valet Switch five times. The buzzer will sound briefly.

- 4) Press the Valet Switch once again*. The system will respond by briefly sounding the buzzer followed by two beeps, indicating Transmitter Programming Mode has been entered.

**Important: If a coded valet has been programmed you must enter your secret code at this point, follow steps 4a & 4b only if you have a secret coded valet.*

- 4a) Press the Valet Switch equal to the first digit in your secret code. The piezo or horn will emit 1 long chirp followed by 1 short chirp.
- 4b) Press the Valet Switch equal to the second digit in your secret code. The piezo or horn will emit 1 long chirp followed by 2 short chirps.

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- Activating The Trunk Release Also Unlocks The Doors: This system allows you to make the choice of whether the convenience of using your transmitter to gain trunk or hatch entry will also unlock the doors as part of the same operation. As received from the factory this feature is activated. Even if the vehicle is configured to have the transmitter unlock the driver's first, all of the doors will unlock when the remote trunk release is utilized.

- Automatic Door Locking Operation: This system is capable of performing two forms of automatic door locking if desired, as these features are not activated at the factory.

In the first form, the system will lock the doors automatically 90 seconds after the ignition switch is turned "off". This feature ensures that the doors will become locked every time you exit the vehicle and leave it unattended.

The second form of automatic locking eliminates the accidental unlocking of the doors by the accidental or unknown pressing of the transmitter's UNLOCK button when placing it in a pocket or purse. Activating this feature causes the system to automatically relock the doors 90 seconds after the UNLOCK button is pressed unless the ignition switch is turned "on".

Both automatic locking and automatic relocking add the security of engaging the starter interrupt circuit when the locking is performed at expiration of the 90 second period. During the 90 second period, the LED Status Light will flash rapidly as a visual indication of the impending automatic action. Once the doors have locked and the starter interrupt has engaged, the LED Status Light will slow to a steady flash as an indication and also as a theft deterrent.

Your dealer can activate either or both of these features upon installation.

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- **Audible Confirmation:** As previously mentioned, the piezo or vehicles horn confirms the reception of transmitter commands. If desired, the audible confirmation may be deactivated.

- **Automatic Starter Interrupt Engagement:** If desired, the starter interrupt circuit may be programmed to automatically engage 90 seconds after the ignition is turned off; and/or 90 seconds after remotely unlocking unless the ignition switch is turned on within the 90 second period. These two Programmable Features allow independent automatic operation of the security of the starter interrupt circuit without having the doors also lock upon engagement.

- **Automatic Or Remote Anti-Carjacking Protection:** Two separate forms of Anti-Carjacking protection may be utilized if desired. Automatic Anti-Carjacking protection is activated every time the ignition switch is turned "on". In this form of Anti-Carjacking, the Valet Switch may be pressed within 60 seconds of turning the ignition "on", including the final 7 seconds when the piezo is beeping to remind you of impending engagement of the feature.

The second form, Remote Anti-Carjacking protection, is initiated by pressing the transmitter's III button for 3 seconds, but only if the ignition switch is already "on". This operation allows normal use of the 3rd Channel Output when the ignition switch is "off". This form has the same 60 second period in which to cancel the full engagement of the feature.

Once Anti-Carjacking has been activated by either method, the piezo or vehicles horn will start beeping 53 seconds later, and for the next seven seconds pressing the Valet Switch once will cancel the Anti-Carjacking Feature. Even if a coded valet has been programmed only 1 press of the valet switch is required to cancel the Anti-Carjacking Feature. At 60 seconds the piezo or horn starts to sound and the parking and dome lights will start flashing. At 90 seconds the starter interrupt output will activate. Once the siren sounds and lights flash, Anti-Carjacking cannot be canceled unless the

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Programming Features

The REC-11 Remote Keyless Entry and Security System has features that can be accessed through the Features Programming Mode through using the Valet Switch and the transmitter. The Features Programming Mode is accessed by turning "off" the ignition switch and properly pressing the Valet Switch. Once in the Features Programming Mode, the Valet Switch is further used to specify which of the 17 Features is to be changed, then the transmitter is used to program the selected Feature.

To access the Features Programming Mode, follow this procedure:

- step 1 - Within 5 seconds of turning the ignition "off", momentarily press the Valet Switch 5 times. The module will respond by sounding the built-in piezo buzzer for a short period.
- step 2 - Press the Valet Switch once again to enter Transmitter Programming Mode. The system will respond by briefly sounding the buzzer followed by two beeps. The system is now in Features Programming Mode
- step 3 - You now have 10 seconds access the desired Feature. This done by pressing the Valet Switch the number of times that are equal to Feature number listed. For example, to change the doorlock output pulse from .8 to 3 seconds, press the Programming Switch 6 times. The module will acknowledge the entry by beeping a number of times equal to the number of Valet Switch presses.

step 4 - Press the transmitter's LOCK button to turn features on, or press the UNLOCK button to

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ignition is turned "off", then back "on"; the Valet Switch must be pressed once within 10 seconds of turning the ignition back "on". This is the only way to cancel or turn off the Anti-Carjacking Feature - once activated, the transmitter cannot be used to cancel or turn off the Feature.

- **Custom Coded Override Mode:** For a more secure starter interrupt circuit, the system can be programmed with a custom-coded number of Valet Switch presses which are required to obtain an Override of the system. This customizing can even be programmed to require two separate series of Valet Switch presses. Please ask the dealer or installer for details.

Several other Programmable Features are available for the installer's convenience, allowing flexibility in the connection of the system to the vehicle's power door locking system.

**Important: If a coded valet has been entered you must enter your secret code to cancel the Anti-Carjacking Feature. When the ignition is turned back "on" press the valet switch equal to the first digit in the secret code, the lights and piezo or horn will pause briefly. During this pause enter the second digit in the secret code; the system will stop its activity. After this point turn the ignition "off" and resume normal use of the vehicle.*

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turn features off. The module will acknowledge turning the Feature "on" by beeping once, or "off" by beeping twice. If 10 seconds of no programming activity expires (not pressing the LOCK or UNLOCK buttons or selecting another Feature) the system will exit the Features Programming Mode, which is indicated by sounding the piezo buzzer for a short period.

The 17 Programmable Features, their factory-set default settings, and the transmitter button pressed during programming to obtain the default setting are as follows:

- 1) **Secret Override Code:** Default 1 & 0 Programming Switch Press. As explained in the "Valet Switch" section of the operations guide, only one press of the Valet Switch is required to Override the system. However, if a more secure starter interrupt circuit Override is desired, the number of Valet Switch presses may be custom-programmed to achieve the Override Mode. To change the system from the default setting, follow Steps 1, 2, and 3 on the previous Page. At Step 4, press and release the transmitter's LOCK button a number of times equal to the desired new code to enter the Override Mode. The system will respond to each transmitter button press with a piezo beep. After pressing the transmitter button the desired number of times, wait for the system to beep the same number. A second stage may now be entered, if desired, by pressing the transmitter's UNLOCK button in a similar fashion.
- 2) **Doors Automatically Lock 90 Seconds After The Ignition Is Turned "Off":** Default OFF. Activating this Feature will cause the doors to automatically lock 90 seconds after the ignition switch is turned "off".
- 3) **Doors Automatically Relock 90 Seconds After Remotely Unlocking:** Default OFF. Activating this Feature will cause the doors to automatically relock 90 seconds after the

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