

Remote Mobile Security System

OWNER'S MANUAL

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Model: PL20

The information enclosed will provide a ready reference of the operation and maintenance of your security system.

Basic Operation

This section details the simple day to day operations of your mobile security system.

The enclosed procedures should be performed every six months to insure that all functions are operating properly. To perform a basic operations test, repeat the following procedures:

1. Exit the vehicle and close all protected entrances.
2. Press the LOCK button of your keyless entry transmitter. Your security system will respond in the following manner:
 - A. The horn/siren will beep one time.
 - B. The LED status indicator will begin flashing.
 - C. The parking lights will flash one time.
3. Press the UNLOCK button on your keyless entry transmitter. Your security system will respond in the following manner:
 - A. The horn/siren will beep twice.
 - B. The LED will be off. (Only when the unit has not been programmed to automatically arm)
 - C. The parking lights will flash two times.
4. Re-arm your security system and wait 5 seconds.
5. Open one of the protected entrances of the vehicle. Your security system will respond in the following manner:
 - A. The horn/siren will begin to sound.
 - B. The parking lights will begin to flash.
 - C. The LED flash sequence will change to indicate that the security system had been triggered.
6. Press the UNLOCK button on your keyless entry transmitter once again.
 - A. The horn/siren will stop sounding.
 - B. The parking lights will stop flashing.
 - C. The LED will remain flashing to indicate that the security system had been triggered. (Tamper indication)
7. Repeat steps 1 thru 6 for all other protected entrances and additional sensor devices.

Notations on Basic Testing and Operating Procedures.

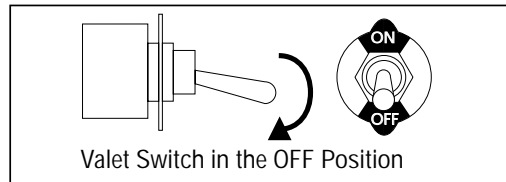
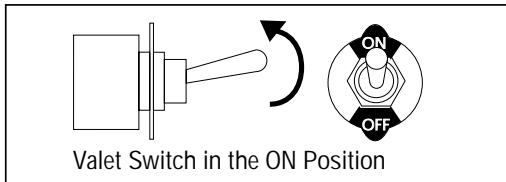
1. When you disarm the security system while the horn/siren is sounding the normal disarm beeps are eliminated.
2. If the chirp status indication function is programmed off, you will not get any arm or disarm beeps.
3. After the security system has been triggered, the LED will remain flashing even though the security system has been disarmed. This is a tamper indicator. Turning on the ignition key will reset the tamper indicator.

Primary Feature Operations

Take a moment to become familiar with the operation of the primary features provided by your new security system as you may need to use them at some point in time. To test the primary features, repeat the following procedures exactly as they are listed:

System Override/Valet:

A switch is used to override the security system in the event that the transmitters are lost or fail to operate and to put the security system in non-operational mode (valet) for vehicle servicing etc.



Primary Feature Operations (continued)

Override Operation: (Security system is Armed)

1. Enter the vehicle, the security systems will begin sounding at this point. Make sure that the switch is in the OFF position.
2. Place the ignition key into the ignition switch and turn the ignition switch to the ON position.
3. Within 5 seconds of turning the ignition key ON, put the valet switch into the ON position.
4. The horn/siren will stop sounding.
5. The LED indicator will be solid red.

The security system is overridden and is now in the valet mode!

Valet Operation: (The security system is already disarmed)

1. Make sure that the switch is in the OFF position.
2. Turn the ignition key to the ON position.
3. Within 5 seconds of turning the ignition key ON, put the valet switch into the ON position.
4. The LED will be on solid indicating that the security system is in the valet mode.

Note 1: If the valet switch is already in the ON position when you turn ON the ignition key, the valet function will be bypassed. Turn OFF the ignition key, set the switch to the OFF position and try again.

Note 2: If you fail to switch the valet switch into the ON position within 5 seconds of turning ON the ignition key, the valet function will be locked out. Turn OFF the ignition key, set the switch to the OFF position and try again.

Starter Disable:

Your security system has a built-in starter interrupt relay that will break the connection between your ignition key and the starter on your vehicle. To test this feature, repeat the following procedure:

1. Enter the vehicle and close all entrances.
2. Press the LOCK button on your keyless entry transmitter to arm the security system and wait for 15 seconds.
3. Place the ignition key into the ignition switch and try to start the vehicle. The starter will not crank the engine over.
4. Turn off the ignition key and press the UNLOCK button on your keyless entry transmitter to disarm the security system.
5. Attempt to start the engine again. The starter will now engage and the engine will crank over and run.

Remote Panic:

The PL20 provides a remote panic function which allows the user to trigger the alarm by remote in the case of an emergency.

1. Ignition key must be off.
2. Press the LOCK button 4 times.
3. The siren will begin to sound and the parking lights will begin to flash.
4. Press the UNLOCK button. The siren will stop sounding and the parking lights will stop flashing.

Note: If the panic function is not turned off by the transmitter, the siren will continue to sound for 60 seconds and then turn off by itself.

Optional Features

Chirp Delete:

The control module can be programmed by the dealer so there will be no arm/disarm status chirps. The four chirp tamper disarm warning indicator will always be on for you safety.

Pathway Illumination:

If the pathway illumination function has been programmed on by your dealer your vehicles parking lights will illuminate at the time the security system is disarmed by the remote transmitter. The parking lights will remain on for 30 seconds after the security system is disarmed. Turning on the ignition key will turn off the parking lights before 30 seconds.

Optional Features (continued)

Last Door Automatic Arming:

If your security system was programmed to automatically arm without using the transmitter, repeat the following procedures to test and operate this feature:

1. Enter the vehicle and close all the entrances.
2. Set the ignition key switch to the on position and wait for 5 seconds.
3. Set the ignition key switch to the off position and exit the vehicle. Upon closing the door, you will hear a beep from the horn/siren. The beep is an indicator that the automatic arming timer has started counting. You will also notice that the LED indicator is flashing fast. This is also an indicator that the automatic arming timer is counting down.
4. Within 30 seconds, the horn/siren will beep once again. This is an indication that the security system is now in the armed mode. The LED will begin flashing at a normal rate.

Note: Once the ignition key switch is turned off, the automatic arming timer will start counting after the last protected entrance is closed. Re-opening any protected entrance within the 30 second time will stop the counter and reset it. Closing the entrance will start the counter once again but you will not get a beep when closing the door for the second time.

Ignition Key Controlled Door Locking/Unlocking:

If the ignition key lock/unlock function has been programmed on by your dealer the doors will automatically become locked 3 seconds after the ignition key is set to the on position or unlocked after ignition key is turned off.

1. Enter the vehicle and close all protected entrances.
2. Turn the ignition key to the on position.
3. Within 3 seconds the door locks will become locked.
4. Turn off the ignition key. The door locks will become unlocked.

Notations About Ignition Controlled Locking.

- A. If a protected door is open, the ignition door locking function is disabled.
- B. If the door locks are manually locked, the alarm system will still unlock them when the ignition key is turned off.
- C. The module can be programmed to "not" unlock the doors if desired.

Limited Lifetime Warranty

Magnadyne Corporation or its authorized agents will, for the life of the vehicle and to the original purchaser, repair, replace or refund the retail sales price of said product or any part thereof, at the option of the Magnadyne Corporation or its authorized agents, if said product or part is found defective in materials or workmanship, when properly connected and operating on the correct power requirements designated for the specific product. This warranty and Magnadyne Corporation or its authorized agents obligations, hereunder do not apply where the product was: damaged while in the possession of the consumer, subjected to unreasonable or unintended use, not reasonably maintained, utilized in commercial or industrial operation, or serviced by anyone other than Magnadyne Corporation or its authorized agent, or where the warning seal on the product is broken or the power plugs or wires are detached from the unit. Magnadyne Corporation or any of its authorized agents do not assume any labor costs for the removal and reinstallation of any product found to be defective, or the cost of transportation to Magnadyne Corporation or its authorized agents. Such costs are the sole responsibility of the purchaser.

This warranty does not cover the cabinet, appearance items, normal wear and tear or accessories used in connection with the product resulting from improper installation, alteration, accident, misuse, abuse or acts of nature.

This Limited Life Time Warranty applies only to the receiver section of the security system. Neither the siren, transmitters, wire harness or any accessory item added to or used with a Remote Mobile security system are covered by this Limited Life Time Warranty. Sirens, transmitters, wire harness or any accessory item are covered by our standard 12 month limited warranty.

Magnadyne Corporation or its authorized agents shall not be liable to anyone for consequential or incidental damages or claims that may arise due to failure of product to operate properly except those accorded by law. Magnadyne's or its authorized agents liability to the repair, replacement of the product as stated above if all conditions of the warranty are met. No expressed warranty or implied warranty is given except those set forth herein. Magnadyne does not warrant or guarantee against break in damage or the theft of the vehicle in part or whole, or against the loss or damage to the contents of any vehicle in which a security system is installed. Magnadyne security systems are only a deterrent against possible theft.

This warranty extends only to the original purchaser of the product and for the vehicle in which it was originally installed. This warranty is not transferable or assignable to any person or vehicle. Defective merchandise should be returned to the original point of purchase or secondly to Magnadyne Corporation, 1111 W. Victoria Street, Compton, CA 90220. A return authorization must be obtained before sending, or merchandise may be refused.