



# MX200

## Owner's Operation Manual

# MX200 REMOTE SECURITY

## BUTTON TWO ONLY

**'DISARM' (& UNLOCK)**  
PRESS BUTTON TWO TO  
DISARM THE ALARM SYSTEM.  
(DOORS WILL ALSO UNLOCK  
IF THE CENTRAL LOCKING  
HAS BEEN CONNECTED)

## BUTTON ONE AND TWO TOGETHER

**SILENT ARM / SENSOR  
BYPASS**  
PRESS BOTH BUTTONS TO  
SILENTLY ARM THE SYSTEM AND  
BYPASS THE SHOCK SENSOR.  
SYSTEM WILL AUTOMATICALLY  
DISARM SILENTLY AFTER BEING  
ARMED SILENTLY.  
(SHOCK SENSOR WILL NOT  
SOUND THE SIREN WHEN  
SILENTLY ARMED)

## LED

THE LED CONFIRMS REMOTE TRANSMISSION.  
REPLACE BATTERY WITH TYPE RCB23A  
EVERY 12 MONTHS.



## BUTTON ONE ONLY

**'ARM' (& LOCK)**  
PRESS FOR 1.5 SECONDS  
TO ARM THE SECURITY SYSTEM -  
(DOORS WILL ALSO LOCK IF THE  
CENTRAL LOCKING HAS BEEN  
CONNECTED)

## **'PANIC'**

PRESS TO SOUND THE SIREN  
AND FLASH THE PARK LIGHTS  
FOR 6 SECONDS.  
HOLD DOWN TO CONTINUOUSLY  
SOUND THE ALARM.

REMOTE MAY DIFFER  
TO THAT SHOWN

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## **OPERATING YOUR VEHICLE SECURITY SYSTEM**

### **REMOTE CONTROL KEY - 2 BUTTON x 2**

Two remote control keys are supplied with the system which enable you to arm and disarm your security system. One remote control should be kept with your car keys and the other with your spare car keys in a safe place. We do not recommend leaving the spare remote and car keys in the vehicle. The remote design may vary.

### **ROLLING CODE**

The security code of your alarm system changes each time you press the remote button. This coding system is completely random therefore eliminating the possibility of recording it (code grabbing). As there are billions of code combinations the chances of duplication are literally billions to one. Additional remote controls may be added as the alarm module can memorise up to four remote controls. (see page 9 on code learning)

### **ARMING THE SYSTEM**

Before arming the system, turn off and remove the keys from the ignition. Close all windows and doors. Check that the bonnet and boot are also closed.

The system is armed by depressing the right ( **I** ) remote button on the remote control momentarily (approx.' 1.5 seconds). It is important to press the button for the recommended time as a shorter duration may not activate the system. Verify that the small red LED on the remote illuminates.

You will notice the parking lights flash once and the siren chirps once to indicate that the system is armed. The dash mounted warning light, LED, will slow flash to indicate armed mode.

If your vehicle has central locking, and it has been connected to this security system, the doors will lock at the same time as arming. (see page 10 on central locking)

The system is fully armed 5 seconds after setting by remote control.

### **VEHICLE 'LIGHTS ON' WARNING WHEN ARMING THE SYSTEM**

If the vehicles lights are 'ON' when arming the alarm, the siren will emit a different sound to give you a warning.

### **DISARMING THE SYSTEM- 2 STAGE**

Press the left ( II ) remote control button to disarm the system. The siren will chirp twice and the parking lights will flash twice. The doors will unlock if this system has been connected to the vehicles central locking system. If the alarm is sounding, the first press stops the siren, a further press disarms the system.

#### **AUTOMATIC - LAST DOOR ARMING (PROGRAMMABLE)**

The system can be programmed to arm automatically 20 seconds after closing the last door (or bonnet or boot). Opening a door within 20 seconds will suspend the countdown and recommence on door closure.

#### **DOORS, BONNET AND BOOT PROTECTION**

The siren will sound for 30 seconds should any of these be opened when the system is armed. The system requires your vehicle to be fitted with courtesy door light switches. Fitting door switches will incur extra costs if not standard in your vehicle. Bonnet and boot switches are supplied with this product.

#### **SHOCK (IMPACT) SENSOR - 2 STAGE**

The sensor is designed to detect major vehicle movement (sharp shock) such as impact, vehicle towing, or violent glass breakage. It may also be triggered by shock waves produced from loud exhausts, thunder and heavy vehicle traffic. It should not be triggered by normal wind or rocking motions. If the sensor receives a light impact the siren fast chirps for a few seconds. It sounds fully for 20 seconds if it detects a heavy impact.

The sensitivity level is set by the installer and should be at its optimum. Over sensitivity can cause false alarms.

***The shock sensor will not sound the siren if the system was armed silently by remote.***

#### **AUTOMATIC RE-SET**

The siren will sound for 5 to 30 seconds depending on the circuit triggered, after which, it will stop and reset to the armed position. It will then re-trigger on the next intrusion or if a circuit was left open.

In the event of personal attack or you suspect that your vehicle is being tampered with, the alarm can be 'panicked' for 6 seconds by pressing the right ( I ) remote control button for more than 2 seconds. Holding down the remote button causes the panic to be continuous. Panic mode does not operate with the ignition on or if the system is disarmed.

#### **SILENT ARMING & SHOCK SENSOR BYPASS**

Press both remote buttons to arm the system without the chirps. Disarming will automatically be silent if already armed silently. CAUTION: Silent arming disables the siren sounding if the shock sensor is triggered, but the lights will still flash as a warning.

#### **ELECTRONIC SIREN (NSW - Australia siren timing programmable)**

This is mounted under the bonnet. It must be situated in a place to protect it from heat and water damage. Driving through deep water or puddles may cause water splashes. Please check that the siren has been mounted in such a position so as to avoid damaging it. If washing the engine bay, cover the siren with a plastic bag to prevent damage. Heat or water damage is not covered by the warranty.

#### **PARKING LIGHTS FLASHING**

When the siren sounds, the parking lights flash simultaneously. If 'shorted', the siren continues to sound. The parking lights will also flash on arming and disarming the system.

#### **ARM CONDITION MEMORY**

Should the vehicle battery be disconnected, the system memorises the last set position of the alarm. If the alarm was disarmed prior to battery disconnection, reconnection does not cause the alarm to sound. However, if the battery was disconnected whilst the system was armed, reconnection will cause the system to trigger; the siren sounds and the parking lights flash. To cancel, disarm with the remote control. (Vehicle battery disconnection will cause the optional battery back-up siren to sound - this is turned off at the siren with the special key provided)

#### **PARKING LIGHT CONFIRMATION / CODES**

This is a visual indication of system status.

- A) 1 Flash - Armed
- B) 2 Flash - Disarmed

#### **CHIRP CONFIRMATION / CODES**

This is an audible indication of system status.

- A) 1 Chirp - Armed
- B) 2 Chirps - Disarmed
- C) 3 Chirps - Door, bonnet & boot open when arming
- D) 4 Chirps - Disarm and indicates the alarm has been triggered
- E) Fast chirps - Light impact detected by the shock sensor

#### **DASH MOUNTED WARNING LIGHT - LIGHT EMITTING DIODE (LED)**

Located on or near the dashboard area, the LED is a small red flashing light that indicates the vehicle is fitted with a security system. The LED also tells the status of the alarm;

- A) Slow flashing - System armed
- B) Fast flashing - Automatic arming countdown
- B) LED off - System off
- C) Continuously lit - Valet mode
- D) 1 flash, 1 pause - Door, bonnet or boot triggered
- E) 2 flash, 1 pause - Sensor triggered
- F) 3 flash, 1 pause - Ignition triggered

If you disarm the alarm and hear 4 chirps, the alarm has been triggered. By reading the flash codes above, you can determine which circuit has been triggered.

#### **SIREN SOUNDS**

- A) Continuous - Door activation

- B) Slow intermittent - Sensor triggered
- C) Fast intermittent - Ignition triggered
- D) 'Whoop-whoop' – Vehicle lights are on when arming

**EMERGENCY OVERRIDE SWITCH - Ensure you know the location of this.**

At the time of installation, a hidden push button switch was fitted under the dashboard.

If the alarm fails to respond to the remote control, or you have misplaced it, you can override the alarm as follows;

- 1) Open the door with the ignition key - the siren will sound and the parking lights will flash
- 2) **Turn on the ignition**
- 3) Press the override push button once - this will cancel the alarm sounding and override the system.

**VALET MODE - LED PERMANENTLY LIT**

To turn off the system, turn the ignition on and press the override switch 3 times. **LED will stay lit to indicate valet mode.** Repeat to turn the system back on. The remote will only operate the central locking whilst in valet mode (if connected).

**SECURITY RE-ARM (& RE-LOCK)**

The alarm will automatically re-arm if it has been disarmed by remote but the doors have not been opened within 20 seconds. Doors also re-lock if central locking connected.

**(This feature may not be operative if your vehicle has dome light supervision or this is enabled by this product)**

**IGNITION SAFETY DOOR LOCK - PROGRAMMABLE**

If the system has been connected to a vehicle with central locking, the doors will lock 20 seconds after ignition 'on' and unlock with ignition 'off'. If a door is left open during engine starting, the safety door lock feature will be inoperative when the door is closed.

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**CODE LEARNING**

The main alarm module has a learning capacity to memorise the remote controls programmed into it. The two remotes supplied are pre-learnt and have different codes to each other. The module can memorise up to four. If you wish to add further remotes, or a remote has to be replaced, the new remote needs to be learnt into the main



module. If for instance you have lost a remote, and are fearful that someone may try to use it, the lost remote can be deleted from memory.

An irregular or interruption to the power supply may cause loss of memory. If your alarm fails to respond to the remote try re-learning them or see your Mongoose dealer.

**To memorise or re-learn a remote or additional remote:**

Turn on the ignition. Press the override switch for 5 seconds until the siren chirps 5 times. Parking lights will light to indicated learning mode. Press any button on the existing remote. Siren chirps once indicating it has memorised the first remote. Then press any button on the second remote, the siren chirps twice as confirmation. This procedure can be repeated for up to 4 remotes. Leave the system for 10 seconds and the learning mode is completed.

*When learning new remotes, the original remotes must be re-learnt or they will be erased from memory.*

**To delete a remote from memory:**

Enter learning mode as detailed above. Memorise existing remote once. The lost remote is now deleted. When a replacement is obtained, learn both the existing and new remotes into memory as detailed above.

**DEFECTIVE ZONE BYPASS**

If a door, the bonnet or boot has been left open and the alarm sounds, after 2.5 minutes they will be bypassed. The shock sensor and engine immobiliser, if fitted, will still be active.

**ENGINE IMMOBILISER – START INHIBITER**

This security system is equipped with an engine immobiliser to prevent engine starting when the system has been armed by the remote control or by the automatic arming feature. The authorised installer of this product will advise

you which circuit has been immobilised. A typical circuit to immobilise would be the starter motor, ignition coil or electric fuel pump.

**CENTRAL LOCKING - KEYLESS ENTRY\***

This security system has a low current output to control central locking systems. The system is programmable to operate standard electric or vacuum systems.

\* Certain vehicles may require additional parts to enable the correct use of this feature. These parts are not included in this system. Kits are available to convert vehicles with manual door locks to electric operation.

**SECURITY UPGRADES** - ask your installer for more details

**DOME LIGHT SUPERVISION (OPTIONAL EXTRA)**

The system provides the facility for dome light supervision. Upon disarming, the interior light will illuminate for 30 seconds which is cancelled upon ignition on. The interior light will also flash during an intrusion.

NOTE: The fitting of this option may make the 'security re-arm (& re-lock)' feature inoperative.

**BATTERY BACK-UP SIREN (OPTIONAL EXTRA)**

In place of the standard siren, a battery back-up version gives added protection against unlawful disconnection of the vehicles battery or power connection to the siren. Any attempt to do so will trigger the sirens own battery back-up. The only way to cancel this is with the special key supplied as it is designed to sound continuously.

**TESTING YOUR ALARM**

We strongly recommend that you test your alarm frequently. It takes only a short time and is very important to maximise the protection of your vehicle.

1. Arm the system.

Without disarming the system, just unlock the door with the ignition key and open the door. The alarm should sound and the park lights flash. Check all the other doors , bonnet and boot by the same procedure.

2. Shock sensor.

Arm the system. Check the shock sensor by giving the vehicle varying degrees of impact. The degree of force required to trigger the shock sensor should have been set at the time of installation. If it is adjusted too lightly, the siren will sound with only a light shock and cause too many false alarms. Adjusted too heavily and the sensor may not be triggered. The adjustment is therefore critical and we suggest you see your installer who can adjust it for your particular vehicle or your for your preference.

3. Remote controls.

Every care should be taken as the remote controls supplied are used to operate the system. Do not get them wet, drop them or tamper with the internals. To ensure correct operation at all times, replace the battery with an RCB23A from your Mongoose dealer every 12 months.

Please contact your Mongoose dealer, installer or re-seller should you have any difficulty in the use of this product.

## WARRANTY CONDITIONS

Mongoose warrants that it will make good without charge, by repair or replacement with a reasonable equivalent, at Mongoose's discretion, any defect in the product, **excluding defect in installation**, submitted for claim for a period of three years from date of sale provided that;

- (a) the defect has been notified to an authorised Mongoose installation centre, distributor or agent (in the first instance to the original installation centre).
- (b) the alarm is less than 3 years of age from the date of sale and was manufactured within the last 4 years.
- (c) the alarm has been installed according to our written instructions
- (d) provision of proof of purchase and warranty registration on request.
- (e) an authorised installation centre has determined that the defect complained of is one of workmanship and not caused by:
  - (i) misuse or abuse such as misdirected current, water or fluid damage
  - (ii) operation of alarm after it is known to be defective
  - (iii) accident or deliberate act
  - (iv) alteration or modification of the alarm, or its components, by any party not authorised by Mongoose
  - (v) the fitting of parts or accessories not supplied or approved of by Mongoose
  - (vi) any work carried out on the alarm by someone other than an authorised Mongoose installation centre
  - (vii) any consequential damage
  - (viii) **if the alarm is installed by anyone other than an approved installer a limited parts only 12 month warranty applies**

Warranty for the installation is borne by the original installing agent only. This will be chargeable if not returned to the original installer.

Whilst every care is taken by our installers in fitting the alarm, Mongoose takes no responsibility for any damage caused to a vehicle in the installation process. Responsibility is borne by the installer and any claims directed to them.

Exclusions from this warranty are;

- (i) alarms operated outside the original country of purchase
- (ii) batteries, i.e., as fitted to the remote controls
- (iii) normal wear and tear
- (iv) transportation of repairs or replacement parts etc. to rectification centres
- (v) faults associated with the installation
- (vi) mobile service costs for repairs
- (vii) labour costs for repairs

**THIS WARRANTY IS ONLY TRANSFERABLE AS SET OUT BELOW**

If the vehicle is sold, the new owner receives the balance of the period between the original installation date and 3 years.

If the original owner has the system re-installed into an alternative vehicle by an authorised Mongoose installation centre, the owner receives the remaining period between the original installation date and 3 years.

Mongoose does not by inference, intent or any other means guarantee that a vehicle fitted with one of our security systems will not be stolen, broken into, tampered with, or parts taken. Vehicle security systems are deterrents and we recommend vehicle owners to have fully comprehensive insurance and to fit other security devices such as locking wheel nuts if the vehicle has expensive wheels and tyres.



**Mongoose (Australia) Pty Limited  
Sydney, Melbourne, Brisbane  
Mongoose (New Zealand) Limited  
Auckland**

For service contact your Mongoose agent;