



Model number: **M33**

CAR ALARM SYSTEM

Owner's Operation Manual

Please read and try out all the features

For correct operation and warranty compliance, we recommend professional installation of this product by your authorised Mongoose dealer.

Suitable for 12volt, negative ground vehicles

Amended April 2016

ALARM REMOTE CONTROL – 2 supplied

BUTTON 1

'ARM' (& LOCK)

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

SENSOR DISABLE

PRESS BUTTON 2 & 3 TOGETHER
WITHIN 5 SECONDS OF ARMING
TO BYPASS THE SHOCK SENSOR

BUTTON 3

SILENT ARMING

PRESS TO ARM THE ALARM WITH
NO SIREN CHIRPS.
(DISARM IS THEN
AUTOMATICALLY SILENT)



BUTTON 2 ONLY

'DISARM' (& UNLOCK)

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

BOOT RELEASE (CH2)

AFTER DISARM, PRESS BOTH
BUTTONS TO OPEN THE BOOT (IF
THE VEHICLE IS EQUIPPED WITH
ELECTRIC RELEASE)

BUTTON 4

'PANIC'

PRESS AND HOLD TO SOUND THE
SIREN AND FLASH THE LIGHTS.
PRESS AGAIN TO CANCEL.

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OPERATING YOUR VEHICLE SECURITY SYSTEM

ARMING (& LOCKING*)

Arm the system (and lock the doors*) by pressing button 1 on the remote control.

The indicators will flash once and the siren chirps once to indicate that the system is fully armed.

The dash mounted LED will light for 10 seconds as the security system checks vehicle integrity and then slow flashes to indicate armed mode.

SILENT ARMING (Can be permanently silenced through programming)

Press button 3 to silently arm the system without the siren chirps. Disarming will then be automatically silent.

DEFECTIVE ZONE BYPASS

If any door, the bonnet or boot is open before arming the alarm, the dashboard LED will stay lit as a warning. If not closed before or after arming, the siren will emit a warning after a 30 second delay. The open circuit will then be bypassed. The alarm will arm an open circuit when it is closed.

DISARMING (& UNLOCKING*) – (See 2 stage unlock option page 8)

To disarm (and unlock*), press remote control button 2. Siren will chirp twice and the indicators will flash twice.

The indicators will then stay lit for 30 seconds to provide perimeter illumination.

If disarming during an alarm activation, press button 1 or 2 to cancel sounding, then button 2 to disarm.

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

The alarm will automatically re-arm if it has been disarmed by remote but the doors have not been opened within 30 seconds. Doors also re-lock if central locking connected. LED fast flashes to signify countdown to auto re-arm.

ENGINE IMMOBILISER

This security system is equipped with an engine immobiliser to prevent engine starting when the system is armed.

AUTOMATIC RE-SET

If the alarm is triggered, the siren will sound for 60 seconds. Once it stops, the system resets to the armed position. It will then re-trigger on the next intrusion. (Max' 5 triggers per circuit)

CENTRAL LOCKING – (programmable for electric or vacuum locking)

This security system has built-in relays to enable remote control of a vehicles central locking systems. Certain vehicles may require additional extra cost parts to enable the correct use of this feature.

CODE HOPPING REMOTE CONTROLS

2 water resistant remote controls are supplied with the M33. Maximum 3 remotes can be used. This coding system is completely random therefore eliminating the possibility of recording it (code grabbing).

DOORS, BONNET AND BOOT PROTECTION

The siren will sound and the indicators will flash for 30 seconds should any of these be opened when the system is armed. The system is connected to the vehicles courtesy door light switches. These switches must function correctly for the alarm system to operate. The fitting of door switches is not included with this product.

IMPACT SENSOR - 2 STAGE

The sensor is designed to detect impacts to the vehicle such as violent glass breakage. It may also be triggered by shock waves produced from loud exhausts 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 as a pre-warning. It sounds fully for 30 seconds if it detects a heavy impact.

The sensitivity level is adjustable by the installer. Over sensitivity can cause false alarms.

SHOCK SENSOR BYPASS

The shock sensor can be bypassed to prevent false alarms. Arm the system and within 5 seconds press UNLOCK & MUTE at the same time to disable the sensor. It will be active next time the alarm is armed.

BOOT RELEASE BY REMOTE

If your vehicle is equipped with electric release of the boot, it can be connected to this alarm system. This may incur additional charges. Disarm the alarm and then press button 2 again for 2 seconds to open the boot.

PANIC

In the event of personal attack, the alarm can be 'panicked' by pressing the rear red remote control button for more than 2 seconds.

Press any button to cancel the alarm.

ELECTRONIC BATTERY BACK-UP SIREN

This is mounted under the bonnet and must be situated in a place to protect it from heat and water damage such as driving through deep water or engine cleaning. The alarm system is supplied with 2 siren keys. These are used to turn off the sirens internal battery during vehicle servicing or vehicle battery replacement/disconnection.

The keys do not deactivate the alarm system.

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.

ARM CONDITION MEMORY

Should the vehicle battery be disconnected, the system memorises the last set position of the alarm. If the alarm was disarmed, reconnection does not cause the alarm to sound. If the battery was disconnected whilst armed, reconnection will cause the system to trigger. 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)

DOME LIGHT SUPERVISION - programmable

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.

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

INDICATOR LIGHT FLASH CONFIRMATION / CODES

This is a visual indication of system status.

- A) 1 Flash - Armed
- B) 2 Flash - Disarmed
- C) On for 30 sec' - Indicates system is disarmed and provides perimeter illumination

SIREN CHIRP CODES

This is an audible indication of system status.

- A) 1 Chirp - Armed
- B) 2 Chirps - Disarmed
- C) 3 Chirps – A warning that a door, the bonnet or boot is open 30 seconds after arming
- D) 3 Chirps – When disarming, a warning that the alarm has been triggered
- E) Fast chirps - Light impact detected by the shock sensor

DASH MOUNTED WARNING LIGHT - LED

Located on or near the dashboard area, the LED is a small 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 - Countdown for automatic arming functions
- B) LED off - System is off
- C) Continuously lit - Valet mode or remote code learning
- D) 1 flash, 1 pause - Bonnet triggered
- E) 2 flash, 1 pause - Boot triggered
- F) 3 flash, 1 pause - Door triggered
- G) 4 flash, 1 pause - Ignition triggered
- H) 5 flash, 1 pause - Sensor triggered

EMERGENCY OVERRIDE

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

If the alarm is armed and 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 alarm will trigger
- 2) Turn on the ignition and press the override button for 3 seconds - this will cancel the alarm and put the alarm in valet mode – LED on constant. See below to cancel valet mode.

VALET MODE - LED PERMANENTLY LIT

When disarmed, turn the ignition on and press and hold the override switch for 3 seconds. Siren will chirp and lights flash once to confirm. **LED will stay lit to indicate valet mode.** Repeat to turn the system back on.

AUTOMATIC - LAST DOOR ARMING (Programmable)

The system can be programmed to arm automatically 30 seconds after closing the last door (or bonnet or boot). The LED will fast flash during the auto arming countdown.

IGNITION SAFETY DOOR LOCK (Programmable)

If the central locking is connected to this security system, the doors will automatically lock after 1 second when the engine is started (or ignition is turned on). The doors will unlock when the ignition is turned off.

If a door is left open during engine starting, the doors will not lock but cause the indicators to flash 4 times to indicate an open door.

2 STAGE UNLOCK – optional connection

This alarm has the ability to allow you to only unlock the drivers' door when you disarm and then a 2nd press of the disarm button on the remote unlocks the passenger doors.

This feature requires the installer of this product to wire your vehicle differently, so this feature must be specified prior to installation.

REMOTE CONTROL CODE LEARNING

- If you need to replace a remote control, it must be memorised to the alarm system before it can be used.
- A power surge or interruption to the power supply may cause loss of memory.
- If your alarm fails to respond to the remote try re-learning them.

TO MEMORISE A NEW REMOTE:

- a) Disarm the system by remote or the override method described on the previous page.
 - b) Turn the ignition off/on 3 times leaving on third time. Siren will chirp.
 - c) Press the override switch for 5 seconds - siren chirps 3 times to confirm learning mode.
 - d) Press button 1 twice on 1st remote. Siren will chirp to confirm.
 - e) Press button 1 twice on 2nd remote. Siren will chirp to confirm.
- Repeat this procedure if you have a third remote. Turn ignition off to complete the learning sequence.
Note: If you lose a remote, re-learning the existing remote will erase the one that is lost.

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. Unlock the door with the ignition key and open the door. The alarm should activate. Check all the other doors , bonnet and boot by the same procedure.
2. Engine immobiliser. Open the drivers window. Arm the alarm. Without opening a door, reach in and try to start the engine. It should not start.
3. Shock sensor. Check the shock sensor by giving the vehicle varying degrees of impact.
4. Remote controls. Do not get them wet, drop them on a hard surface or tamper with the internals. To ensure correct operation at all times, replace the battery every 12 months or sooner if you notice operating range is reducing.

PROGRAMMABLE FEATURES

- Turn ignition on
- Press override button 5 times – siren chirps to confirm program mode
- Press override the number of times in the chart below
- Press the remote button to change a feature

Sequence	Feature	Button 1	Button 2
1	Last door auto arming	Off *	On
2	Ignition door lock	On	Off *
3	Auto re-arm after remote disarm	Off *	On
4	Unlock output (wire #14)	Single pulse *	Double pulse
5	Siren chirps	On *	Off
6	Perimeter night light	On	Off *
7	CDL pulse length	1 second *	3 seconds
8	Arm when ACC on #	Off *	On

*Default setting # This feature allows for add-on turbo timers

Jumper on side of module – 2 stage unlock – see page 8

Open = Drivers door unlocks on 1st press – press again to unlock passenger doors

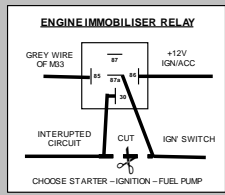
Closed = All doors unlock at the same time

Amendment to M33 Owner's operator manual – February 2016

WIRING DIAGRAM

Installation to be carried out by suitably qualified persons.

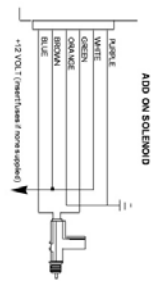
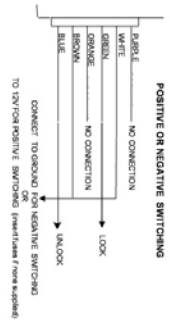
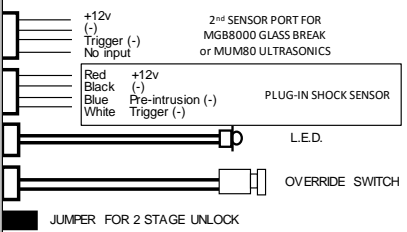
ANTENNA – DO NOT CUT – SHORTEN – CUJRL



Siren Wires
 Red – +12v constant
 Black – Ground
 Blue – (-) trigger
 White – (+) trigger

1	12
2	13
3	14
4	15
5	16
6	17
7	18
8	19
9	20
10	21
11	22

- Top Row**
- 1 Red (+) Constant 12v power
 - 2 Orange/white (+) Light flash output x 2
 - 3 Blue/white (+) 2nd unlock output
 - 4 No connection
 - 4 Grey (-) Ground when armed
 - 6 No connection
 - 7 Orange Unlock N/C
 - 8 Blue Unlock common
 - 9 Brown Unlock N/O
 - 10 Purple Lock N/C
 - 11 Green Lock common
- Bottom Row**
- 12 Brown/white (+) Siren output
 - 13 Black (-) Ground
 - 14 No connection
 - 15 Red/white (-) Boot trigger input
 - 16 White/Black (+) Dome light output
 - 17 Green/red (+) Door trigger input
 - 18 Yellow (+) Ignition input
 - 19 Blue/white (-) Bonnet trigger input
 - 20 Pink (-) Boot release
 - 21 Green/white (-) Door trigger input
 - 22 White Lock N/O



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 ONE year 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 12 months old from the date of sale and was manufactured within the last 2 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 6 month warranty may apply**

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 NOT TRANSFERABLE

DISCLAIMER:

Vehicle security systems are theft deterrents only.

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.

We recommend fully comprehensive vehicle insurance and home and contents insurance and to fit other security devices such as additional alarm sensors and locking wheel nuts if the vehicle has expensive wheels and tyres.

PROOF OF PURCHASE
PLEASE RETAIN FOR YOUR RECORDS

OWNERS NAME:.....

VEHICLE MAKE:.....

ADDRESS:.....

VEHICLE MODEL:.....

.....

VEHICLE REG' NO:.....

TELEPHONE NO:.....

ALARM MODEL NO:..M33.....

ALARM PURCHASED FROM:.....

DATE PURCHASED:.....

INSTALLED BY:.....

DATE INSTALLED:.....

INSTALLER SIGNATURE:.....

OWNERS SIGNATURE:.....

Dealer

Please complete the above details, detach from this manual and keep in a safe place. These details should be presented to your Mongoose dealer in the unlikely event that you require this product to be repaired under the terms of the 'product warranty'. Refer 'Warranty Conditions'. Failure to provide this 'Proof of Purchase' may result in rectification charges being made. If you sell the vehicle within the warranty term, please pass this on to the new owner.



Manufactured for: Mongoose (Australia) Pty Ltd
Make & Model Number: Mongoose M33 Series
Country of manufacture: China
Supply voltage: 12v DC nominal – negative ground
Current consumption: 0.3amps
Suitability: All vehicles with 12v negative earth batteries
Date of manufacture: Refer date code on alarm module case

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