



MX40_{mkII}

**STANDARDS CERTIFIED TO AS/NZS4601 1999
Including amendment 1 2003**

OPERATING INSTRUCTIONS

DO NOT LEAVE THIS MANUAL IN YOUR VEHICLE

MX40MKII REMOTE

BUTTON TWO ONLY

'DISARM' (& UNLOCK)

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

WHEN SIREN ADDED
SIREN WILL CHIRP TWICE TO CONFIRM DISARMING

LED

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

NOTE; THE REMOTE CONTROLS ARE NOT WATER RESISTANT OR PROOF.

OPTIONAL WATERPROOF REMOTES ARE AVAILABLE.....PART NO' MRC200W



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)

WHEN SIREN ADDED
SIREN WILL CHIRP ONCE TO CONFIRM ARMING
PRESS FOR 3 SECONDS TO 'PANIC' THE ALARM

BUTTON ONE & TWO TOGETHER

SILENT ARM & AUTO SILENT DISARM

PRESS BOTH BUTTONS TO SILENTLY ARM WITH NO CHIRPS. DISARMING IS AUTOMATICALLY SILENT. ONLY APPLICABLE WHEN A SIREN IS ADDED.

ARMING THE SYSTEM - BY REMOTE

The system is armed by depressing button ONE on the remote control momentarily (approx. 1~1.5 seconds). You will notice the park lights will flash once to indicate that the system is armed. (The optional siren will chirp once) The dash board 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. The system will be fully armed after approximately 5 seconds.



DISARMING THE SYSTEM - BY REMOTE

Press button TWO on the remote control to disarm the system. The park lights will flash twice and the doors will unlock if wired to the vehicle's central locking system. (The optional siren will chirp twice) The dashboard LED will begin to fast flash to indicate the system will automatically re-arm after 30 seconds. You must start the engine to prevent the system re-immobilising.



AUTOMATIC DUAL CIRCUIT ENGINE IMMOBILISATION – 30 SECONDS AFTER IGNITION OFF



If the system is not manually armed by the remote control the vehicle will be automatically immobilised 30 seconds after the ignition is turned off. The dash board LED will fast flash for 30 seconds to indicate the system is in this sequence. After 30 seconds the dash board LED will slow flash to indicate armed mode and the parking lights will flash once. (The optional siren will chirp once)
NOTE: Due to Standards requirements, the automatic immobiliser cannot be programmed off.

SECURITY RE-ARM (& RE-LOCK)

The system will automatically re-immobilise after 30 seconds if it has been disarmed by remote. Doors will also re-lock, if connected, if no door is opened within the 30 seconds. Opening a door will not prevent the engine from being automatically immobilised – the engine must be started to prevent this. For the security re-lock feature to operate, the system must have been initially set by the remote control.

TRIGGER & 2 STAGE DISARM

When armed, if a door is opened or the ignition is switched on the park lights will flash for 30 seconds (the optional siren will sound).

If the system is being triggered, press the disarm button once to cancel the lights and optional siren. Press a second time to disarm the system.

AUTOMATIC RE-SET

After the system has been triggered, it will automatically re-set to the armed position. If the parking lights flash 4 times upon disarming, this indicates the system has been triggered.

ARM CONDITION MEMORY

Should the vehicle battery be disconnected, the system memorises the last set position of the system. If the system was disarmed and the engine not immobilised prior to battery disconnection, reconnection does not immobilise the vehicle until reset by the ignition being turned ON then OFF. If the battery was disconnected whilst the system was armed, reconnection will return the system to the armed state and then immediately trigger.

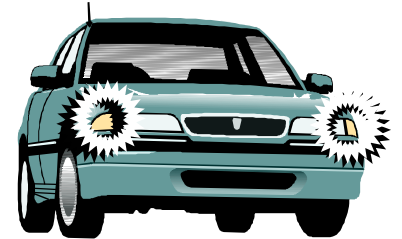
PARK LIGHTS FLASHING (connection to the indicators may infringe your warranty)

The park lights flash to confirm the arming and disarming of the system. They will also flash if the system is triggered whilst the system is armed. The park light output is fuse protected to prevent the module being shorted.

PARK LIGHT CONFIRMATION / CODES

This is a visual indication of system status.

- 1 Flash - Armed by remote.
- 2 Flashes - Disarmed.
- 3 Flashes - Armed by remote with a door left open.
- 4 Flashes - Disarmed but system was triggered.
- Flashes for 30 seconds - System triggered.



DASH MOUNTED WARNING LIGHT - LIGHT EMITTING DIODE (LED)

Located on or near the dashboard area, the status LED is a small red flashing light that indicates the vehicle is fitted with a security system. This LED needs to be visible to you.

- A) Slow flashing - system armed.
- B) LED off - system disarmed.
- C) Fast flashing - 30 second immobilisation or auto re-arm countdown.

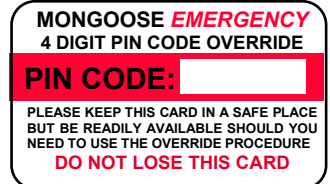


EMERGENCY OVERRIDE – 4 DIGIT PIN CODED

The system can be disarmed by entering your the unique 4 digit PIN code shown on the 'PIN Code Card' issued with this product.

KEEP THE CARD IN A SAFE PLACE – NOT IN THE VEHICLE !

Following is an example using PIN code **4525**



The code is entered by turning the ignition ON or OFF in sequence with the dash mounted LED.

1. **Ignition ON/off - on/off - on** - LED will light permanently to commence override.
2. **Ignition OFF** - LED will start flashing. Count the number of flashes for the first number.
3. **Ignition ON** - after 4 flashes (1st number of the example). The LED will light.
4. **Ignition OFF** - count the number of flashes.
5. **Ignition ON** - after 5 flashes (2nd number). The LED will light.
6. **Ignition OFF** - count the number of flashes.
7. **Ignition ON** - after 2 flashes (3rd number). The LED will light.
8. **Ignition OFF** - count the number of flashes.
9. **Ignition ON** - after 5 flashes (4th number).
10. **The system will now disarm and the vehicle can be started.**

Note: If your PIN code contains a "0", this equals '10'.

Should you miss the LED flashes or enter a digit incorrectly, wait for 11 flashes and simply repeat the procedure from step 1). This system will always automatically immobilise the engine every time the ignition is turned off. This override sequence will have to be used to start the engine if your remote controls are not available or inoperative.

INSTALLATION

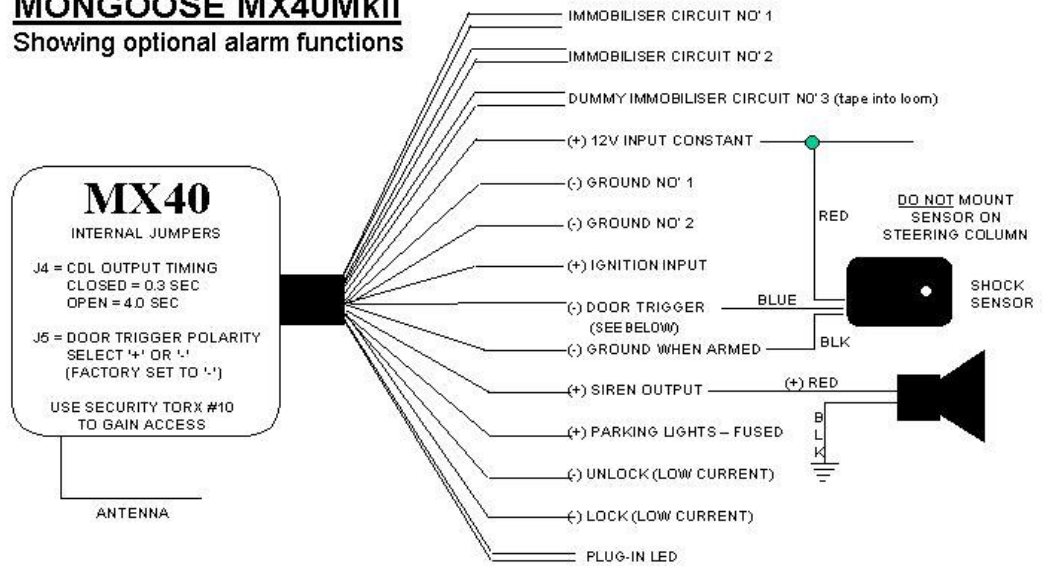
For full Standards compliance, this product must be carried out by authorised installers to comply with the AS/NZS 3749.2 -1997 Standard or any updated versions.

The main module has concealed plugs with only black wires emitting from it. The wires are labeled for the function;

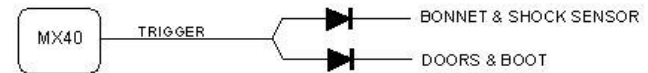
- 1 (+) 12V OUTPUT TO PARKING LIGHTS
- 2 DOOR TRIGGER ('+' OR '-' SELECTABLE BY JUMPER J5. FACTORY SET TO '-')
- 3 (-) NEGATIVE GROUND x 2
- 4 (+) 12V FUSED CONSTANT POWER
- 5 (+) 12V IGNITION INPUT WIRE (ALSO +12V BACK-UP FOR IMMOBILISATION)
- 6 (-) GROUND WHEN ARMED
- 7 (-) LOCK, LOW CURRENT (0.3 SEC PULSE – OPEN JUMPER J5 FOR 4.0 SEC)
- 8 (-) UNLOCK, LOW CURRENT (0.3 SEC PULSE – OPEN JUMPER J5 FOR 4.0 SEC)
- 9 (+) OPTIONAL SIREN OUTPUT
- 10 IMMOBILISER CIRCUIT NO' 1 (BLACK TAPED TOGETHER)
- 11 IMMOBILISER CIRCUIT NO' 2 (BLACK TAPED TOGETHER)
- 12 DUMMY IMMOBILISER CIRCUIT NO' 3 (CLEAR TAPED TOGETHER)
- 13 LED

MONGOOSE MX40MKII

Showing optional alarm functions



NOTE: THE MX40 HAS ONLY ONE TRIGGER INPUT FOR BONNET, BOOT, DOORS AND SHOCK SENSOR. CONNECT THE BOOT SWITCH TO A REAR DOOR AND ADD DIODES SUPPLIED AS SHOWN.



REMOTE 'CODE LEARNING'

The main alarm module has a learning capacity to memorise up to four remote controls. If you wish to add further remotes, or a remote has to be replaced, the new remote needs to be memorised 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 so it cannot be used.

To learn a remote or add an additional remote:

- Disarm the system
- Open the drivers door and leave open
- Turn the ignition ON/OFF 3 times within 5 seconds (ignition remains off)
- The park lights will flash 3 times (and if fitted, the siren will chirp 3 times) and the dashboard LED will light permanently to confirm you have entered remote code learning mode.
- Press button one on the first remote – lights will flash once (optional siren chirps once) as confirmation of reception
- Press button one on the second remote – lights will flash twice (optional siren chirps twice) as confirmation of reception
- Repeat for up to four remotes (lights flash three times for the 3rd remote and four times for the 4th)
- Leave the system for 10 seconds or turn ignition ON to complete the process. This is confirmed by 3 fast light flashes (and 3 chirps if siren connected) and LED off.

NOTE: When learning a new replacement or additional remote, the original remote(s) must be re-learnt or they will be erased from memory and will not operate this system.

To delete a lost 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.

WARRANTY CONDITIONS PRODUCT WARRANTY

Mongoose warrants for a period of 36 months that it will make good without charge at Mongoose's discretion, by repair or replacement with a reasonable equivalent, any defect in the product providing that;

- (a) the defect has been notified as soon as it is noticed 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 by an approved Mongoose installation agent
- (d) it has been installed according to the AS/NZS 3749.2 Installation Standards and/or to our written instructions.
- (e) provision of proof of purchase stating where it was purchased and by whom it was installed.
- (f) if the alarm is installed by anyone other than an approved Mongoose installer a 12 month parts only warranty applies
- (g) an authorised installation centre has determined that the defect complained of is a genuine product defect and not caused by:
 - (i) incorrect installation or any other consequential damage caused by the vehicle or other vehicle parts
 - (ii) operation of alarm after it is known to be defective
 - (iii) alteration or modification of the alarm or its components
 - (iv) the fitment of additional security parts or accessories not supplied by or approved of by Mongoose
 - (v) any work carried out on the alarm by someone other than an authorised Mongoose installation centre
 - (vi) misuse, accident, deliberate act or abuse (eg: misdirected electrical current, ingress of water or fluid, vehicle damage)

Exclusions:

- (i) removal & refitting costs of parts and/or accessories
- (ii) mobile service costs
- (iii) batteries, i.e. remote controls
- (iv) normal wear and tear
- (v) alarms operated outside the original country of purchase
- (vi) freight costs of parts to rectification centres
- (vii) transport costs of getting a vehicle to a repair centre
- (viii) consequential costs of vehicle non-operation where the remote controls or PIN code card are lost, not available, or an inability to use

INSTALLATION WARRANTY

Warranty for the installation is borne by the original installing agent only.

The period and terms of warranty are determined by the installation agent and should be verified with them.

Rectification work required to correct an installation fault carried out by anyone other than the original installation agent will incur their charges.

Authorisation to have this work carried out and agreement to have any costs refunded should be obtained from the original installation agent prior to work commencing.

Whilst every care is taken in fitting the security system, Mongoose accepts no responsibility for any damage caused to a vehicle in the installation process. Responsibility is borne by the installer.

THIS WARRANTY IS ONLY TRANSFERABLE AS PRESCRIBED AS BELOW

- a) If the vehicle is sold with this product, the new owner receives the balance of any warranty period remaining.
- b) 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 of warranty. If re-installed by an unauthorised person, this warranty ceases.

This product is manufactured, tested and certified to the joint
Australian and New Zealand Standards AS/NZS4601 1999 amendment 1 2003

Manufactured for: Mongoose (Australia) Pty Ltd
Make : Mongoose
Model : MX40MKII plus 'B', 'A' & 'G' alarm versions
Country of manufacture: Taiwan R.O.C.
Supply voltage: 12v DC nominal – negative ground
Current consumption: 0.3amps (excluding any optional accessories)
Suitability: All vehicles with 12v negative earth batteries
Date of manufacture: Refer date code on module case

Whilst this security system provides a deterrent, it may not prevent theft or damage through wilful criminal intent. Mongoose does not by inference, intent or any other means guarantee that a vehicle fitted with one of its security systems will not be stolen, broken into, tampered with, or parts taken. Mongoose does not offer nor will pay compensation for any loss. We recommend adequate vehicle insurance and the fitment of other security devices as deemed necessary. The loss and any associated costs of replacing the remote controls and/or PIN code card in making the vehicle mobile are the responsibility of the vehicle owner/driver.

PROOF OF PURCHASE
DO NOT LEAVE THIS INFORMATION IN THE VEHICLE

OWNERS NAME:..... VEHICLE MAKE:.....
ADDRESS:..... VEHICLE MODEL:.....
..... VEHICLE REG' NO:.....
PIN CODE:.....
TELEPHONE NO:..... ALARM MODEL NO:.....**MX40MKII**.....
ALARM PURCHASED FROM:.....
DATE PURCHASED:.....
INSTALLED BY:.....
DATE INSTALLED:.....
INSTALLER SIGNATURE:.....
OWNERS SIGNATURE:.....

Dealer stamp

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 on this on to the new owner.



Installation Certificate

We confirm this Mongoose security system has been installed into the vehicle detailed below, to the requirements of AS/NZS 3749.2:1997 or subsequent 'Installation Standards'.

VEHICLE DETAILS

Make/Model: _____ Registration No': _____

INSTALLATION DETAILS

Product Model Number: _____ Certified to: AS/NZS _____

Product supplied by: _____
(Сотрадунаме)

Product installed by: _____
(Сотрадунаме)

Installers Name: _____

Installer Signature: _____ Date installed: _____



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

For service contact your Mongoose agent;