



# **M80II 'Upgrade'**

## **2in1 Vehicle Security System**

**When Used with Factory Remote Controls**

**3 YEAR PRODUCT WARRANTY**

**M80II - 4 Star Rated**  
**M80GII - 5 Star Rated**

These products should be installed according to the requirements of the AS/NZS3749.2 Installation Standard.

Installation should only be carried out by suitably qualified persons.



# MONGOOSE M80II REMOTE CONTROL

## 2 Supplied

This security system is supplied with 2 remote controls.  
Please ensure your supplier/installer passes these remote controls to you.

As standard, the M80II is operated by the supplied remote controls.  
As your security system has been installed as an 'upgrade', the M80II is only operated from the vehicles factory remote controls.

The Mongoose remotes are used for programming security features on or off.

Please keep them in a safe place,

Should you lose your factory remotes, this security system can be re-configured to operate from the Mongoose remotes – see your original installer for details.



## **ARMING**

- ☐ Exit the vehicle and ensure all doors, bonnet & boot are closed.
- ☐ Press the lock button on your vehicles remote control or the 'lock' method if by touch.

The siren will chirp once and the lights will flash once to indicate that the system is fully armed.

The alarm's dash board warning light (LED) will slow flash to indicate the system is armed.

## **DISARMING**

- ☐ Press the unlock button on your vehicles remote control or the 'unlock' method if by touch.  
(The siren will chirp twice and the vehicle lights will flash twice.)
- ☐ If a door is not opened within 30 seconds, the system will automatically re-arm (& re-lock if the vehicle itself has this function or this system has been installed for this function).
- ☐ If the alarm was activated whilst you were away, the siren will chirp 4 times and the lights will flash 3 times as a warning. The dashboard LED will flash a code indicating what circuit activated the alarm.

**Note:** *If you have triggered the alarm by opening the car door with the ignition key you may have to close all doors and then lock & unlock the vehicle with the cars remote to turn the alarm off as some factory remotes do not operate with a door open.*

## **AUTOMATIC SECURITY RE-ARM**

Many factory systems will re-lock the doors if they are not opened within a certain time of unlocking by remote control. When the doors re-lock, this security system will re-arm at the same time.

If your vehicle does not automatically re-lock the doors, this security system will still automatically re-arm after 30 seconds if a door has not been opened. This feature may not necessarily operate if your vehicle turns on the interior dome light upon unlocking.

The security system has the ability to re-lock the doors if your vehicle does not have this function. Discuss this option with your security system installer.

## **OPEN CIRCUIT BYPASS**

If any door, the bonnet or boot is left open when you arm the system, the siren will chirp once to signify the system is armed and then chirp again to inform you that something is still open. The dash mounted LED will flash a code for 30 seconds informing you what is open. (see LED flash codes Pg9) If ignored, that open circuit will not be protected. The open circuit will automatically arm upon closure. This features performance may be affected by set up of the factory system.

## **SILENT ARM (no siren chirps)**

The system can be programmed not to chirp the siren upon arming and disarming. See programming options section. Programmes should only be changed by the installer.

## **SECURITY PROTECTION**

### **‘TRIPLE CIRCUIT’ ENGINE IMMOBILISATION**

The engine will be immobilised by this security system when you lock (arm) your vehicle. The three immobilisers are separate to any fitted by the vehicle manufacturer.

### **IGNITION, BONNET, BOOT & DOORS – 30 second siren – 60 second light flash**

When armed, the siren will sound for 30 seconds and the lights will flash for 60 seconds when an intrusion is detected.

If a door, bonnet or boot has been opened and left open, the siren will sound for 90 seconds (3 x 30 seconds) and the lights will flash for 150 seconds. The open circuit will then be bypassed to prevent excessive noise.

If you are not sure what may have activated your alarm system, please refer to ‘LED flash codes’. The system does require your vehicle to be fitted with operating courtesy light door switches for these to trigger the alarm. Fitting or replacing faulty door switches will incur additional charges.

## **2 STAGE IMPACT SENSOR**

This sensor is designed to detect impact to the vehicle such as to the bodywork or glass. It is not triggered by normal wind or rocking motions.

- ❑ If the sensor detects a light impact, the siren will sound a few warning chirps (max' 3 triggers – see 'noise pollution').
- ❑ If the sensor detects a heavier impact, the analyser circuit will determine this and sound the siren for 30 seconds and flash the lights. (max' 3 triggers – see 'noise pollution')

The sensitivity is set by the installer and should be at its optimum. Over sensitivity may cause false alarms. (This type of sensor may not prevent wheel theft, so we advise the fitment of our electronic tilt sensor and/or locking wheel nuts)

## **GLASS BREAK SENSOR (M80GII models)**

This sensor is designed to detect actual glass breakage by 'hearing' the glass break. It should not be triggered by normal wind, rocking motions or non-metallic knocks.

The sensitivity is set by the installer and should be at its optimum. Over sensitivity should be avoided to reduce the likelihood of false alarms.

## **ULTRASONIC SENSOR (optional accessory)**

The ultrasonic sensor fill the interior of your vehicle with high frequency sound and is designed to trigger the alarm when the interior environment changes. Possible changes are the breaking or removal of glass, a door being opened or even strong wind through a slightly open window.

For the ultrasonic sensor to operate correctly ensure all doors and windows are closed when arming the alarm system. (False alarms are generally created by open windows or even strong wind through the air vents)

Due to the efficiency of this type of sensor, we advise that you do not leave people or animals inside the vehicle as any movement will trigger the alarm.

### **MICROWAVE SENSOR (optional accessory)**

The microwave sensor is designed to trigger the alarm when a microwave field registers physical movement. Two fields are generated, one outside the vehicle to give perimeter protection and one inside to give interior protection.

Intrusion into the outer perimeter area chirps the siren as a warning, whilst intrusion into the interior fully sounds the siren. The fields are adjustable for size and should have been set by the installer at their optimum.

Do not leave people or animals inside the vehicle as any movement will trigger the alarm.

Note: As the microwave produces circular protective fields, some areas of the vehicle may not be protected.

### **BOOT BYPASS – optional (where a vehicle has boot release on the factory remote)**

If your factory remote has a boot open facility, the boot circuit and sensors will be bypassed if the boot is opened by this method. Closing the boot re-arms the boot circuit and the sensors after a 10 second delay. NOTE: The boot is not bypassed if opened by any other method.

### **INTRUSION ALERT**

If the alarm was triggered whilst you were away from the vehicle, the siren will chirp 4 times upon unlocking (disarming). Refer to the 'LED flash codes' to show how the alarm was triggered.

### **BATTERY BACK-UP SIREN**

Vehicle battery disconnection will cause the battery back-up siren to sound. The siren can be turned off with the special keys provided. Turning off the siren does not deactivate the alarm or immobiliser.

The siren is mounted under the bonnet and should be situated in a place to protect it from heat and water damage. Driving through deep water or puddles may cause water splashes, so caution is advised.

If washing the engine bay, cover the siren with a plastic bag to prevent water damage.

Heat or water damage is not covered by the product warranty.

### **AUTOMATIC RE-SET**

Upon an intrusion (ie. door opened and closed), the siren will sound for 30 seconds, after which it will stop and reset to the armed position. It will then re-trigger on the next intrusion.

If a door is left open, the siren will sound for 3 x 30 seconds and then that individual circuit will be bypassed to avoid unnecessary noise. Other circuits remained armed.

### **ARM CONDITION MEMORY**

Should the vehicle battery be disconnected, the system memorises the last set position of the alarm. If the alarm was disarmed and the siren turned off prior to battery disconnection, reconnection does not cause the alarm to sound. If the battery was disconnected whilst the system was armed, reconnection will return the system to the armed state. (See 'battery back-up siren')

### **NOISE POLLUTION CONTROL**

To reduce noise nuisance and possible false alarms, the system will isolate an individual circuit if it is triggered more than three times or is left open.

Eg: 3 x bonnet, 3 x boot, 3 x doors, 3 x ignition, 3 x impact sensor, (3 x other sensors if fitted)

Reset by remote by disarming and then re-arming. Turn ignition ON/OFF will re-set LED intrusion codes.

### **PERIMETER NITE-LITE**

Upon unlocking (disarming), the indicators will stay permanently lit for 15 seconds to provide perimeter illumination.

Ask the installer to verify that the power consumption of all the indicators is within the tolerance of this products maximum 6 amps per side.

Connecting a trailer may cause may affect the operation of this feature.

## **VEHICLE LIGHTS FLASHING (FUSE PROTECTED)**

When the siren sounds, the lights flash simultaneously.

The lights may be indicators or parking lamps depending on the type of vehicle.

The lights will also flash on arming and disarming the system. These may be programmed off if the vehicle flashes the lights as confirmation of locking and unlocking.

- a) 1 Flash - Armed.
- b) 2 Flash - Disarmed.
- c) 3 Flash - Disarmed and previously triggered.

## **LED - DASH MOUNTED WARNING LIGHT**

The LED shows the status of the alarm, intrusion codes or an open circuit when arming.

- a) Fast flashing - 30 second countdown of automatic functions.
- b) Slow flashing - system armed
- c) LED off - system off
- d) 1 flash, pause - bonnet
- e) 2 flash, pause - boot
- f) 3 flash, pause - doors
- g) 4 flash, pause - impact sensor
- h) 5 flash, pause - engine start attempted
- i) 6 flash, pause - glass break sensor or optional sensor

## **CHIRP CONFIRMATION & CODES**

- a) 1 Chirp - Arm.
- b) 1 Chirp, 2<sup>nd</sup> chirp - Indicates an open circuit when arming. (Car dependant)
- c) 2 Chirps - Disarmed.
- d) 4 Chirps - Disarming and indicates that the alarm has been triggered.

## **EMERGENCY OVERRIDE – 4 DIGIT PIN CODED**

This security system can be disarmed by entering your unique 4 digit PIN code 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** - *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 (1<sup>st</sup> number of the example). The LED will light.*
- 4) **Ignition OFF** - *count the number of flashes.*
- 5) **Ignition ON** - *after 5 flashes (2<sup>nd</sup> number). The LED will light.*
- 6) **Ignition OFF** - *count the number of flashes.*
- 7) **Ignition ON** - *after 2 flashes (3<sup>rd</sup> number). The LED will light.*
- 8) **Ignition OFF** - *count the number of flashes.*
- 9) **Ignition ON** - *after 5 flashes (4<sup>th</sup> 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).



## **PROGRAMMABLE FEATURES**

This security system can be customised to suit almost any vehicle or enable/disable certain features. These should only be changed by the installer.

### **SIREN CHIRPS (default = ON)**

The chirps can be permanently turned off. Only the lights (park or indicators) confirm the arming and disarming. The siren still sounds upon alarm activation.

### **IGNITION SAFETY DOOR LOCK (default = OFF)**

Some vehicles already have this feature as part of the vehicles specification. If not, the system can be optionally connected to a vehicles' central locking. The doors will lock a few seconds after the ignition is switched 'on' and unlock immediately when the ignition is turned 'off'.

If a door is left open whilst starting the engine this feature will be bypassed.

### **SIREN OR HORN (default = SIREN)**

'Siren' output is when this system is connected to an electronic siren. 'Horn' output is where this system is connected to the vehicle's own horn and not to a siren.

### **DOOR DIAGNOSTICS (default = ON)**

If a door, bonnet or boot is left open when arming, the siren chirps once for ARM then after a short pause, chirps a second time to signify a circuit is open. Some vehicles may not allow locking when a door is open. If false signals are produced to the dome light delay, this feature should be turned off.

### **NSW SIREN TIMING (default = OFF)**

It is a mandatory requirement in New South Wales, Australia, for vehicle alarm systems to sound the siren for one cycle of 30 seconds only before it is re-set manually by remote control. With this feature turned on, only the lights flash for any subsequent trigger.

### **LAST DOOR ARMING (default = OFF)**

When programmed ON, the alarm will arm automatically 30 seconds after the last door is closed.

### **AUTOMATIC DOOR LOCK (default = OFF) – optional fitment**

Some vehicles already have this feature as part of the vehicles specification. If not, the system can be optionally connected to a vehicles' central locking.

The doors will lock automatically 30 seconds after the last door is closed.

**WARNING: DO NOT LEAVE THE KEYS IN THE CAR!**

This feature only operates if 'last door arming' above has been programmed ON.

### **PERIMETER NITE-LITE (default = OFF)**

Upon disarming, the indicators will stay permanently lit for 15 seconds to provide perimeter illumination. Ask the installer to verify that the power consumption of all the indicators is within the tolerance of this products maximum 6 amps per side.

### **LIGHT FLASH CONFIRMATION (default = ON)**

The light flash can be programmed off if the vehicle already flashes lights as confirmation of locking and unlocking. With this feature off, the lights will flash during an alarm condition.

**For correct operation, only Mongoose installers should programme your security system.**

## TESTING YOUR ALARM

*We strongly recommend that you frequently test your alarm.*

- 1) Without disarming the system, unlock and open a door with the ignition key - the alarm should sound and the lights flash. Check all other doors, bonnet and boot by the same procedure – you may have to leave the windows open in order to open the other doors from the inside.
- 2) Check the impact sensor by giving the vehicle varying degrees of impact - be careful to do this on areas of the vehicle not likely to be damaged by impact. Light impacts should chirp the siren whilst heavier impacts should fully sound the siren.
- 3) Check the glass break sensor, (M80GII) by tapping the glass with a 50 cent coin. Varying degrees of tapping should be tried to see the level of sensitivity. *Be careful not to break the glass !*
- 4) Enter the vehicle and shut all doors, arm the system by remote and try to start the engine to test the engine immobiliser - it should not start and the siren should sound.
- 5) To test the optional ultrasonic sensors, if fitted, enter the vehicle, shut all doors and windows, arm the system and allow it to stabilise for 10~20 seconds. Now wave or clap your hands – the alarm should sound.
- 6) To test the optional microwave sensor, if fitted, arm the system and wait at least 10~20 seconds for the sensor to stabilise. Moving a hand over the outside of side windows should chirp the siren.

To test the perimeter field size, repeat this movement on the outside of all glass areas.

To test the interior, leave a window open and reach in and wave an arm around - the siren should fully sound.

# **INSTALLATION, WIRING & PROGRAMMING**

## **'UPGRADE' MODE PROGRAMMING**

As standard, the M80II is programmed to operate from the supplied remote controls.

When installed as an 'upgrade' the M80II is configured differently so it operates only from the vehicles remote controls.

The Mongoose remotes are used for programming – please leave them in the vehicle.

### **Changes in configuration are;**

- a. The Automatic Engine Disable (AED) is off. Most vehicles have a factory immobiliser.
- b. Wire numbers 1-(Disarm#2), 4-(Arm) & 13-(Disarm) are enabled (they are disabled when the M80II is used with the Mongoose remotes)
- c. Wire number 7 changes from 'CH2 output' to 'Boot bypass'.

**To change M80II to UPGRADE mode, change program No. 6 (AED) to OFF  
Once programmed to 'upgrade' mode, the following 3 wires are enabled;**

<b>CONTROL INPUTS</b>	
<b>Wire description</b>	<b>Function</b>
<b>ARM</b>	Connect to vehicle's lock motor wire (Pulses positive when locked)
<b>DISARM</b>	Connect to vehicle's unlock motor wire (Pulses positive when unlocked)
<b>DISARM #2</b>  Programme #4 controls input type	1) <b>LIGHT FLASH - Prog #4 ON (Default)</b> Connect to vehicles positive Indicator flash wire <b>OR</b> 2) <b>DISARM DEFEAT - Prog #4 OFF</b> Connect to unlock signal wire from driver's door (Pluses negative from key barrel when key is used)

## **METHOD 1: LIGHT FLASH (Default)**

Where a vehicle flashes lights (park or indicators) when the vehicle is locked and unlocked by the factory means (remote or hand touch), but does not flash when locked/unlocked manually, the DISARM #2 wire may be connected to a positive light flash wire.

Do not use this method if the hazard signals are also produced by the BCM (body control module). The security system now requires two signals to arm and two signals to disarm. One from the central locking pulse PLUS one from the light flash.

If it only receives one of these signals it will not arm or disarm.

## **METHOD 2: DISARM DEFEAT**

The 'Disarm #2' wire is a check wire that prevents disarming by any means other than by remote control or by the PIN override. It must be connected!

This wire is usually connected to a driver's door that produces an unlock signal to the BCM.

Common location is drivers kick panel.

When a door is manually unlocked, this wire sends a signal to the M80II instructing it to ignore the disarm (unlock) signal from the body control module. This is known as DISARM DEFEAT.

To use DISARM DEFEAT:- 2 programme changes are required;

PROGRAMME #4 - Change to Disarm defeat "OFF"

PROGRAMME #5 - Change polarity to (-) "OFF"

## **PROGRAMMING**

Programming is achieved with the ignition on in conjunction with LED flashes and Mongoose remote button pushes. *Do not use the vehicles remote.*

- 1: Disarm – open driver's door (Keep door open while programming) - LED starts fast flashing
- 2: Within 10sec' turn IGN on - the LED will now light solid for 10 seconds
- 3: Within 10 sec press remote button 3 to confirm program mode.

The LED will start slow flashing

- 4: Count the LED flashes to choose the program to change (eg:7 for siren chirps)
- 5: As the LED lights the 7th time (as our example), press button three on the remote to input #7.
- 6: Siren chirps 7 times to confirm programme number 7
- 7: Press button one on the remote to turn the feature "ON" - siren chirps once  
Press button two on the remote to turn feature "OFF" - siren chirps twice
- 8: Turn the ignition off or wait 10 seconds to EXIT programming. Siren fast chirps 3 times.

Repeat procedure to change any other programme.

\* **BOLD** = default setting

	FEATURE	LED ON / ONE CHIRP (Button 1 of remote)	LED OFF / TWO CHIRPS (Button 2 of remote)
<b>4</b>	DISARM #2 INPUT TYPE	* <b>LIGHT FLASH</b>	DISARM DEFEAT
<b>5</b>	DISARM #2 POLARITY	* <b>(+)</b>	(-)
<b>6</b>	AUTO ENGINE DISABLE CH2 OUTPUT / BOOT BYPASS	* <b>AED +CH2 output</b>	AED off + Boot bypass (Only for use when configured as an 'upgrade')
<b>7</b>	SIREN CHIRPS	* <b>ON</b>	OFF
<b>8</b>	LIGHT FLASH CONFIRMATION	* <b>ON</b>	OFF
<b>9</b>	IGNITION DOOR LOCK	ON	* <b>OFF</b>
<b>10</b>	CDL PULSE	* <b>0.8SEC</b>	3.5SEC
<b>11</b>	SIREN OR HORN OUTPUT	* <b>SIREN</b>	HORN
<b>12</b>	DOOR DIAGNOSTICS	* <b>ON</b>	OFF
<b>13</b>	LAST DOOR ARMING	ON	* <b>OFF</b>
<b>14</b>	AUTO DOOR LOCK	ON	* <b>OFF</b>
<b>15</b>	PERIMETER NITE LITE	ON	* <b>OFF</b>
<b>16</b>	NSW SIREN TIMING	ON	* <b>OFF</b>
<b>17</b>	TURBO RUN TIME (Not applicable in Upgrade mode)	Each press = 1 MINUTE (max' 5 mins) <b>Default 1 minute.</b>	
<b>18</b>	DOOR INPUT POLARITY	(+) Cut wire loop (See note on page 18)	* <b>(-)</b>
<b>19</b>	RESET	ON (Once reset – chirps 3 times + lights flash 3 times)	-

## **BOOT BYPASS**

This is a (+) input and allows for the boot alarm circuit to be bypassed if the vehicle's remote has a separate boot release button.

Pressing the factory remote button will open the boot, turn off the boot alarm circuit and bypass the sensor ports. All other circuits remain armed.

Closing the boot will re-arm these circuits after a 10 second delay.

A (-) negative boot release signal will require an optional polarity change over relay.

## **DOOR TRIGGER (3 second delay to allow for dome light)**

The door trigger is default a (-) negative input.

To change to a positive input, cut the loop wire and change program #18 to OFF (+) .

Please ensure when a new M80II unit is installed programing **MUST** be done with the doors closed only for the initial programing of the positive doors, there after normal instructions may be followed.

**NOTE:** If the dome light comes on during unlocking, the auto rearming of the alarm function may be cancelled if the vehicle does not have an automatic re-lock function. Use door trigger wires that are unaffected by the dome light if auto re-arm is required.

## **8 PIN SIDE PLUG**

If features not required, do not use or plug in.

6 wires are for connection to the central locking.

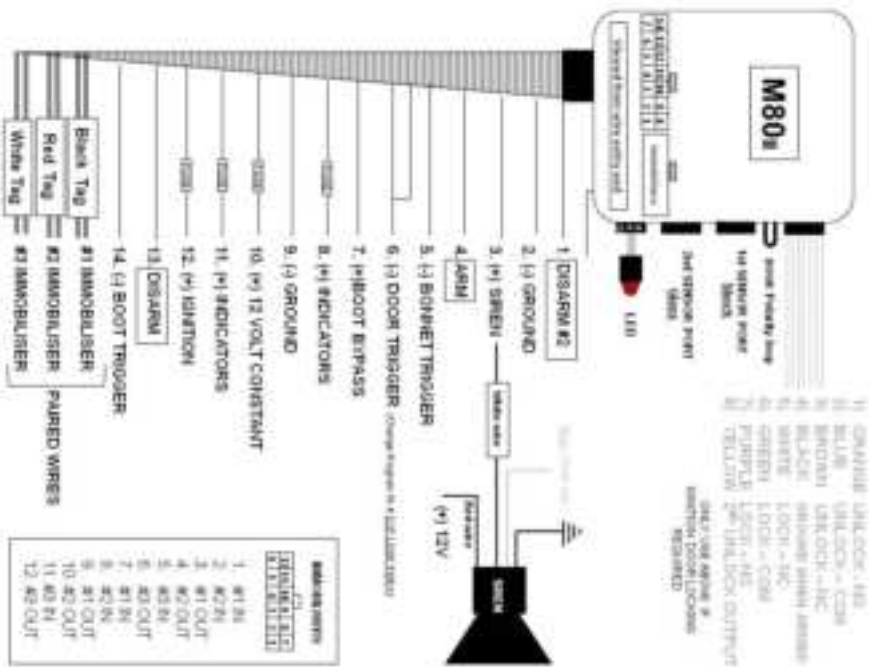
These can be configured in various ways – see chart on page 20.

## **NOTES:**

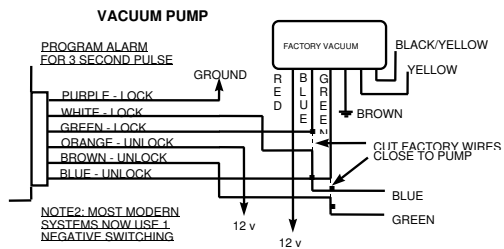
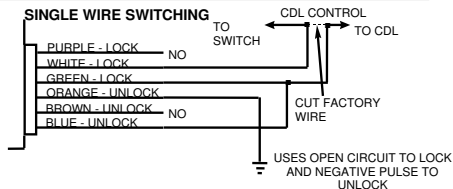
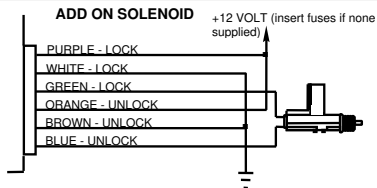
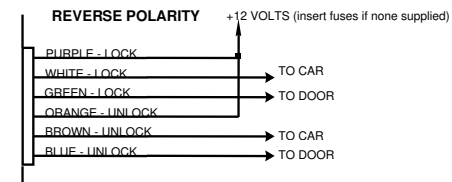
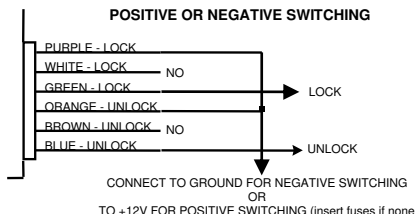
- Pulsing ignition on/off may also be the vehicle manufacturer's method of changing programmes. Be aware and conversant with the correct operation of the vehicle.
- Some vehicles do not permit remote door locking with the engine running, so turbo and/or interface function may be inoperative.
- If you wish to change programmes 4 and/or 5 after connection, you will need to unplug the main loom for changes to take affect – this is due to the polarity learning nature of the control wires. Or can enter the PIN over-ride

**WIRING INFORMATION:** Installation to be carried out by suitably qualified persons.

**WIRING CONFIGURATION  
WHEN USED AS AN UPGRADE**



## CENTRAL LOCKING CONNECTION OPTIONS



## **MONGOOSE M80II REMOTES**

Whilst the supplied remotes will not be used when installed as an 'upgrade', they are however used to program and configure the alarm features.

Hand the remotes to the vehicle owner and ask for them to be kept in a safe place. They are NOT used for arming and disarming.

### **MONGOOSE M80II REMOTE CODE LEARNING**

- 1: Disarm – open driver's door - LED starts fast flashing
- 2: Within 10sec turn IGN on - the LED will now light solid for 10 seconds
- 3: Within 10sec, turn IGN OFF then back ON
- 4: The LED stays on & the siren chirps 3 times to confirm remote code learning mode
- 5: Press button one on the new remote - siren chirps once to confirm
- 6: Press button one on a 2nd remote you wish learnt – siren chirps twice to confirm
- 7: To finish, turn the ignition off or wait 10 seconds - siren chirps quickly 3 times

Any previous working remote controls will need to be reprogrammed

# 3 YEAR PRODUCT WARRANTY

## **PRODUCT WARRANTY**

Mongoose warrants for a period of 3 years from date of installation 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 to an appropriate vehicle.
- (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
- (f) 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:**

- (1) labour costs for removal & refitting of parts
- (2) batteries, i.e. remote controls
- (3) alarms operated outside the original country of purchase
- (4) transportation costs of getting a vehicle to a repair centre
- (5) consequential costs of vehicle non-operation where the remote controls or PIN code card are lost, not available, or an inability to use
- (6) mobile service/repair costs
- (7) normal wear and tear
- (8) freight costs of parts to rectification centres
- (9) fitment to a non-appropriate vehicle or other device

## **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 the warranty but up to a period of 3 years from original date of purchase.
- b) If the original owner has the system re-installed into an alternative vehicle by an authorised Mongoose installation centre, this warranty is limited to 3 years from original date of purchase. If re-installed by an unauthorised person, this warranty ceases.

# PROOF OF PURCHASE

**DO NOT LEAVE THIS INFORMATION IN THE VEHICLE**

OWNERS NAME:..... VEHICLE MAKE/MODEL.....  
ADDRESS:..... VEHICLE REG' NO:.....  
..... ALARM MODEL NO:.....  
TELEPHONE NO:..... OVERRIDE PIN CODE:.....

ALARM PURCHASED FROM:.....  
DATE PURCHASED:.....  
INSTALLED BY:.....  
DATE INSTALLED:.....  
INSTALLER SIGNATURE:.....  
OWNERS SIGNATURE:.....

Dealer
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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.



**Mongoose (Australia) Pty Limited**

**[www.mongoose.com.au](http://www.mongoose.com.au)**

**Mongoose (New Zealand) Limited**

**[www.mongoose.co.nz](http://www.mongoose.co.nz)**

Manufactured for: Mongoose (Australia) Pty Ltd  
Make & Model Number: Mongoose M80II  
Country of manufacture: Taiwan R.O.C.  
Supply voltage: 12v DC nominal – negative ground  
Current consumption: 14~22mAmp (depending on alarm accessories)  
Suitability: All vehicles with 12v DC negative earth batteries  
Date of manufacture: Refer date code on alarm 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 (or towage) are the responsibility of the vehicle owner/driver.