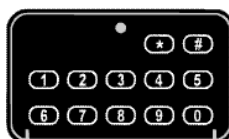




## Category 1 Alarm System

# User Operating Instructions



Incorporating operating instructions for the Multi-Function Keypad

**CE** 890 ① For use in all EU member states

Universal

## This Manual

Please take time to familiarise yourself with the contents of this manual. Failure to do so could, in certain circumstances, prevent the vehicle's engine from being started.

Throughout the manual you will see the statement dependent upon programming written in brackets. This indicates specific programming of your SUBARU Category 1 Alarm System which may be different to the one described. Please ask your SUBARU dealer to mark this manual in pen, at the corresponding section, if you have asked them to alter the security systems programming from its standard setting and include any additional information on page 16 and 17 at the back of this manual.

## Warning

Impreza and Forester models from 2003 model year and Legacy models from 2004 model year are equipped with double-locking doors. People should not be left inside these vehicles with the alarm armed under any circumstances. When armed, the vehicles doors double-lock automatically and cannot be opened internally! If armed in error, with an occupant in the vehicle, the system should be disarmed and a door must be opened and shut to prevent auto-rearming and locking occurring.



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## 1. Introduction

### About the Security System

Operated correctly, this SUBARU Category 1 Alarm System will protect your vehicle against today's sophisticated thief, however this security system is designed as a deterrent against the theft of, or from a vehicle, and as such cannot offer any guarantee against such occurrences. Always follow the advice of the Police, lock your vehicle at all times, park in a well lit area whenever possible and never leave valuable items in a vehicle where they can be seen. Your local Police Crime Prevention Officer will be pleased to advise you about general vehicle security precautions.

This SUBARU Category 1 Alarm System complies with the Thatcham MIRRC criteria. The Thatcham MIRRC organisation was set up on behalf of the ABI (Association of British Insurers) to establish design and manufacturing quality standards for vehicle security systems. Security systems complying with the Thatcham MIRRC criteria are rigorously tested for quality, functionality, electro-magnetic interference resilience and their ability to resist physical and electronic attack from a vehicle thief.

The security system complies with the following criteria:

European Vehicle Security Directives 95/54 EC (EMC) and 95/56 EC (Security)  
Type approval number: e11 AI 00 0023

Operates on the DTI and R&TTE approved radio frequency of 433.92 MHz  
For use in all EU member states.

Thatcham Category 1 approved alarm/immobiliser system  
Please consult your dealer for the correct evaluation number for your vehicle.  
The following is given as a guide only:

#### Impreza:

1999 & 2000 MY	TC2-808/0198
2001 & 2002 MY	TC2-1199/0501
2003, 2004 & 2005 MY	TC2-1265/1002

#### Forester:

1999, 2000 & Early 2001 MY	TC2-808/0198
Late 2001 & 2002 MY	TC2-1202/0501
2003, 2004 & 2005 MY	TC2- 1265/1002

#### Legacy:

1999, 2000 & Early 2001 MY	TC2-808/0198
Late 2001, 2002 & 2003 MY	TC2-1203/0501
2004 & 2005 MY	TC2-1265/0803



## Parts included in your SUBARU Category 1 Alarm System

Two high security, radio transmitters. These transmitters use a 56-bit randomly encrypted code and are resistant to radio frequency code scanning and grabbing.

Intelligent, self-adjusting, ultrasonic sensors providing interior protection. These are mounted inside the passenger compartment.

Multi-functional keypad. Mounted within the vehicle, the keypad can be used as an emergency override to disarm the security system and also to select security system features, refer to pages 8 and 10 for information on this.

Siren with independent self-contained power supply and secure computer controlled data link to the security system control unit. Usually mounted under the bonnet.

3 independent door, boot and bonnet protection circuits

Dashboard mounted LED (light emitting diode). This is the security system's status light, which also acts as a visual deterrent.

2 self-arming, independent, engine immobilisation circuits

Security system ECU (electronic control unit). The ECU is concealed within the vehicle and connected to the various points in the vehicle and forms the brain of the whole security system.

Two self-adhesive labels with the PIN code for your security system. This number is unique to your security system and you must keep these in a safe place.

Certificate of Compliance, which when completed correctly by your supplying dealer may entitle you to a discount on your vehicle insurance premium (Applies to most major insurance companies).

## Programmable Features

The security system is microprocessor controlled and this enables you to benefit from a number of enhanced user friendly features. If you wish to have these enabled, consult your SUBARU dealer. These include:

Door Open Warning Bleeps will alert you if a door is inadvertently left open. The security system can give a series of warning bleeps when armed.

Auto Arm can automatically arm the security system, after the last door is closed, if accidentally left unarmed.

Auto Re-arm can automatically re-arm the security system, if accidentally disarmed.

Safety-Lock can automatically lock the doors & boot when the ignition is turned on.

## 2. Operation of the Security System

### Arming the Security System

Vacate the vehicle closing all windows, doors, boot and bonnet.

Give the radio transmitter button a quick press, whilst standing near the vehicle.

The security system will acknowledge arming with 4 flashes of the vehicle's hazard warning lights and the doors will double-lock.

The security system will then enter a pre-set state, this state is used by the security system's microprocessor to monitor the vehicle's internal environment before setting the sensitivity of the ultrasonics. If a door, boot or bonnet has been inadvertently left open, the siren will continuously bleep (dependent on programming) for 15 seconds as a warning to close everything securely. If this happens, disarm the security system (see below), close all doors etc. securely, and re-arm. Failure to do this within 15 seconds will result in the siren sounding at full power.

### Disarming the Security System

Give the radio transmitter button a quick press, whilst standing near the vehicle.

The security system will acknowledge disarming with 1 flash of the vehicle's hazard warning lights and the doors will unlock.

### Disarming & Operating Boot Release (2004 MY> Legacy saloon only)

Press the radio transmitter button to disarm the system in the normal way, however continue to keep the button pressed for the boot release feature to operate.

The security system will acknowledge disarming with 1 flash of the vehicle's hazard warning lights and the doors will unlock, shortly after this the boot will also open. The button can now be released.

### Ultrasonic Interior Protection

The interior protection system in the SUBARU Category 1 Alarm System employs a sophisticated microprocessor controlled ultrasonic method of detection. Unlike conventional ultrasonic detectors this method ensures that an actual entry has occurred rather than just air movement, air pressure fluctuation, seat belt movement, etc.

Whenever the system is armed:

Initially the dashboard LED flashes dimly for the first 15 seconds. During this period the ultrasonic sensors are inactive. This allows the air movement inside the vehicle to stabilise.

The dashboard LED will then flash brightly for the next 15 seconds. The ultrasonic sensors are now active. The alarm system's microprocessor monitors the interior of the vehicle, and will reduce the sensitivity (from the maximum sensitivity programmed by the installer) if any background movement is detected that would cause a false alarm (if excess movement is detected during this period the LED will remain illuminated for a second, indicating that the sensitivity has been reduced).

After the first 32 seconds the dashboard LED will flash dimly again. The system is now fully armed and the ultrasonic sensitivity is set to the programmed maximum or the reduced level if some background movement was detected.



The ultrasonic interior detection system also employs a movement/time method where a certain amount of movement in a given time is also required to cause a trigger. This method of detection offers a high level of protection against false alarms that are commonly associated with other systems that employ inferior methods of detection.

### Arming the Security System Without Ultrasonic Interior Protection\*

Warning: Impreza and Forester models from 2003 model year and Legacy models from 2004 model year are equipped with double-locking doors. People should not be left inside these vehicles with the alarm armed under any circumstances. When armed, the vehicles doors double-locked automatically and cannot be opened internally! If armed in error, with an occupant in the vehicle, the system should be disarmed and a door must be opened and shut to prevent auto-rearming and locking occurring.

Arming the security system without ultrasonic interior protection will be necessary, yet still provides limited protection, if you wish to leave animals inside the secured vehicle or the windows/sunroof open whilst the vehicle is left unattended. Sensible safety precautions should be exercised if considering these actions! To do this:

Turn the vehicle's ignition on, give the radio transmitter button a quick press.

The dashboard mounted LED will flash once.

Turn off the vehicle's ignition immediately.

Vacate the vehicle closing all doors, boot and bonnet.

Give the radio transmitter button a quick press, whilst standing near the vehicle.

The security system will acknowledge arming with 8 flashes of the vehicle's hazard warning lights, instead of the normal 4. The doors will double-lock as normal.

Ultrasonic interior protection will be restored the next time the security system is armed in the normal way.

\* Also possible using the multifunction keypad. See page 11 for details.

### Automatic Immobilisation and Starting the Vehicle

The alarm system is armed and disarmed by your radio transmitter, however the vehicle also has immobilisation circuits that set automatically after the ignition is switched off. This is a Thatcham MIRRC requirement so that the driver cannot forget to set the immobilisation system. Although the vehicle is immobilised, the alarm system is not armed and the interior, doors, boot and bonnet circuits are not protected until the radio transmitter button is pressed to arm the security system.

Impreza/Forester 1999-2002 MY and Legacy 1999-2003 MY.

When the ignition is turned off on these vehicles, the dashboard mounted LED will be switched to a constant on state for 30 seconds (dependent on programming). During this LED on time you may start the vehicle. After this time the LED extinguishes to indicate that both immobilisation circuits have armed automatically. On disarming the security system, the dashboard mounted LED will again be switched to a constant on state for 30 seconds (dependent on programming). During this LED on time you may start the vehicle. After this time the LED extinguishes to indicate that both immobilisation circuits have armed automatically.

If, in both cases, you wish to start the vehicle after the dashboard LED has extinguished (which indicates that the automatic immobiliser has re-set) turn on the ignition, give the radio transmitter button a quick press, then start the vehicle within 30 seconds (dependent on programming). You may repeat this switch ignition on press radio transmitter button start vehicle sequence as often as you like. Alternatively after the dashboard LED has extinguished, arm then immediately disarm the security system, then start the vehicle

Impreza/Forester 2003 MY onward and 2.0 Legacy 2004 MY onward.

When the ignition is turned off on these vehicles, the dashboard mounted LED will be switched to a constant on state for 30 seconds (dependent on programming). During this LED on time you may start the vehicle. After this time the LED extinguishes to indicate that the immobilisation circuit has armed automatically. On disarming the security system, the dashboard mounted LED will again be switched to a constant on state for 30 seconds (dependent on programming). During this LED on time you may start the vehicle. After this time the LED extinguishes to indicate that the immobilisation circuits has armed automatically.

2.5 & 3.0 Legacy 2004 MY onward.

When the ignition is turned off, or when disarming the security system on these vehicles, the dashboard mounted LED will be switched to a constant on state for 30 seconds (dependent on programming), however the vehicle's immobilisation circuits only arm when the vehicle's coded key is removed from the ignition barrel. When the vehicle's coded key is returned to the ignition barrel the immobiliser automatically disarms and the vehicle can be started.

To summarise, in all instances, if the LED is constantly on, you can start the vehicle.

#### Personal Panic/Siren Test

(Not 2004 MY> Legacy saloon models with Boot Release)

If the transmitter button is pressed and held down for 5 seconds (dependent on programming) the siren will sound and the indicators will flash for a short time.

Due to the method of activation, this feature is not available on Legacy saloon models if the Boot Release option is turned on. If you would prefer to have the Personal Panic feature instead of Boot Release, your dealer can disconnect the Boot Release output.

#### If the Security System is Triggered

If the security system is triggered, the siren will sound at full power for approximately 30 seconds, after which the siren will stop and the security system will immediately re-arm ready for any further attack. Pressing the radio transmitter button will disarm the security system whenever it is sounding.

When the security system is sounding, and the radio transmitter button is pressed to disarm the security system, the doors will remain double-locked as a safety feature. To unlock the doors simply re-arm then disarm the security system.

The security system has an anti-nuisance feature, allowing each protected circuit to only trigger 10 times (dependent on programming) in any armed period, after which the circuit causing the continual trigger will shut down, leaving all other circuits protected.





### 3. Security System Options

(These can be turned on or off by your SUBARU dealer)

#### Door Open Warning Bleeps

This feature is turned on at installation, but can be turned off by your SUBARU dealer. With this feature on the security system will bleep, if armed when a door, bonnet or the boot is still open or ajar. If you arm the security system in this instance the siren will repeatedly bleep for 15 seconds after the radio transmitter button is pressed. If the security system is not disarmed or the open door, bonnet or boot is not closed within 15 seconds, the siren will then sound at full power. This will continue for ten 30 second cycles, after this the open door, bonnet or boot will be ignored by the security system (to conform to noise abatement laws) and is no longer protected.

**Note:**

One door left open in this way may affect the protection on all other doors, depending on the model of vehicle.

With the Door Open Warning Bleeps programmed to off this facility will function in the same way but without the audible warning.

#### Auto Arm

This feature is turned off at installation, but can be turned on by your SUBARU dealer. Auto Arm will automatically arm the security system if the vehicle is accidentally left unattended. The security system will automatically arm a pre-set time (dependent on programming e.g. 60 seconds) after the ignition has been switched off, the vehicle vacated, and the last door, boot or bonnet has been closed. If a door, boot or bonnet remains open, or is opened during the programmed time, the security system will not arm until that door, boot or bonnet is closed. As a warning that Auto-Arm is going to automatically arm the alarm, the siren bleeps twice when you open the door to exit the vehicle.

**Note:**

If the Door Open Warning Bleeps have been programmed to off there will be no warning bleeps to advise you that this feature is active.

#### Auto Arm with Door Locking

This feature is turned off at installation, but can be turned on by your SUBARU dealer. This feature operates in the same way as Auto Arm, however the vehicle's doors will also automatically double-lock at the same time the security system auto arms.

Be sure to remove your car keys and not to leave occupants in the vehicle when leaving the vehicle if you have chosen the Auto Arm With Door Locking option, otherwise they may be locked in the vehicle!

**Warning:** Impreza and Forester models from 2003 model year and Legacy models from 2004 model year are equipped with double-locking doors. People should not be left inside these vehicles with the alarm armed under any circumstances. When armed, the vehicles doors double-locked automatically and cannot be opened internally! If armed in error, with an occupant in the vehicle, the system should be disarmed and a door must be opened and shut to prevent auto-rearming and locking occurring.

### Auto Re-arm

This feature is turned on at installation, but can be turned off by your SUBARU dealer. Auto Re-arm will automatically re-arm and double-lock a pre-set time of 60 seconds (dependent on programming), from the system being disarmed by the radio transmitter, provided that no door, bonnet or boot has been opened during that time. This prevents the vehicle being vulnerable if the radio transmitter button is pressed by mistake perhaps from inside your house while your car is parked close by in the driveway or street, or if children press the radio transmitter button in play! This feature provides extra security with no inconvenience.

## 4. Emergency Override Using the Multi-Function Keypad

### IMPORTANT NOTICE:

In the following sections describing the functions of the multi-function keypad, reference to a PIN code will be made. The PIN code for your security system will have been issued to you on two self-adhesive labels. This PIN code is unique to your security system and you must keep it in a safe place. Alternatively you can change the PIN code printed on the issued labels, to one of your own choice that you can easily remember. Failure to recall your PIN code could increase the cost of replacing or adding further radio transmitters and will prevent yourself and your SUBARU dealer from overriding the security system in the unlikely event of radio transmitter failure. If you do not know, or have forgotten your PIN code then your SUBARU dealer can reset this for you, provided that the security system is not armed.

#### Note:

When using the keypad, each time a button is pressed the LED on the keypad will flash once as confirmation. The next button should not be pressed before this confirmation. However, you only have 10 seconds to enter the next character. If you do not press the next character within this time period the LED on the keypad will flash repeatedly, after which you must start the sequence again from the beginning.

### Disarming the Security System if it fails to operate using the Radio Transmitter

If the radio transmitter fails to operate the security system, due to a depleted battery in the radio transmitter for example, or its total loss/damage, the security system can be disarmed using the keypad. To do this, enter the vehicle (the siren will sound), type your PIN code into the keypad, the security system will disarm in the normal way. The vehicle should be started whilst the dashboard LED is still illuminated, before the self-setting immobiliser re-arms. The keypad only allows three attempts to enter the correct PIN code. If a third incorrect PIN code is entered the security system will ignore all PIN code entries for 30 minutes. This is a security feature.



### Arming the Security System if it fails to operate using the Radio Transmitter

If the radio transmitter fails to operate the security system, due to a depleted battery in the radio transmitter for example, or its total loss/damage, the security system can be armed using the keypad. To do this open and leave open the vehicle's door, type your PIN code into the keypad, the security system will arm in the normal way, immediately close the door and manually lock the door with the vehicle's door key.

**Note:**

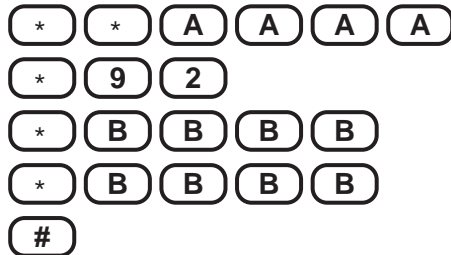
The above procedure can be avoided if your second radio transmitter is to hand.

### Changing the Security System's PIN (Personal Identification Number) Code

**Note:**

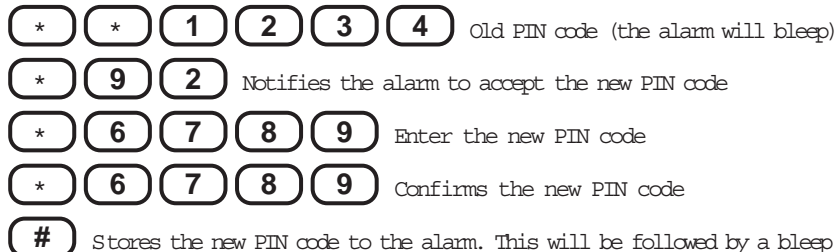
When using the keypad, each time a button is pressed the LED on the keypad will flash once as confirmation. The next button should not be pressed before this confirmation. However, you only have 10 seconds to enter the next character. If you do not press the next character within this time period the LED on the keypad will flash repeatedly, after which you must start the sequence again from the beginning.

With the ignition switched off and the security system disarmed, type into the keypad the following



Where A A A A represents the old 4-digit PIN code and B B B B represents the newly chosen 4-digit PIN code. To confirm correct input of your PIN code the siren will bleep after entering the last digit. The number 92 is the access code/command which notifies the alarm unit to accept the new PIN code.

So for example if the existing PIN code is 1234 and you wish to change it to 6789 you would type in:



Example only

## 5. Changing the way the Security System operates using the Multi-Function Keypad

Button	Keypad Feature Summary
0	Last Trigger Isolation Allows the security system to be set if a door, boot or bonnet switch on the vehicle is not functioning correctly, causing false alarms.
1	For future use.
2	Excludes Ultrasonic Interior Protection during the next armed period only. (Also possible using Radio Transmitter see page 5).
3	For future use.
4	Switches on Safety Lock .
5	Switches off Safety Lock .
6	For future use.
7	For future use.
8	Display the Vehicle s Battery Voltage via dashboard LED.
9	Switches on Super-Lock once the security system has been armed.
0	(Star) Adjusts Door Open Warning Bleep volume, also for programming.
#	(Hash) For programming your security system.

### Last Trigger Isolation (Option 0 on the keypad).

If after arming the security system, the Door Open Warning Bleeps continue to sound or the alarm system repeatedly triggers for no apparent reason, yet all the doors, bonnet and boot appear to be closed correctly, this may indicate a fault on one of the switches that trigger the security system. On a normal security system this would mean the entire vehicle would have to be left unprotected. The faulty switch would result in a trigger if an attempt were made to arm the security system. To exclude the switch causing the fault turn on the vehicle s ignition, give the radio transmitter button a quick press, type 0 on the keypad and immediately turn off the ignition. Arm the security system in the normal way. If the door open bleeps are active the siren will bleep as before for 15 seconds, but the security system will no longer trigger on the troublesome circuit after this period. You must repeat this process each time you arm the security system.

This function means that you can leave the vehicle protected on all circuits with the exception of the faulty door, boot or bonnet switch.

Any fault should be rectified by your SUBARU dealer as soon as possible. Remember the vehicle is not fully protected in this situation, and one faulty door switch may affect the protection on all other doors, depending on the model of vehicle.



### Excluding Ultrasonic Interior Protection (Option 2 on the keypad)

Arming the security system without ultrasonic interior protection will be necessary if you wish to leave people or animals inside the secured vehicle (sensible safety precautions should be exercised if considering this action!). This facility may also be used to provide limited protection of the vehicle if left unattended with the windows and/or sunroof open. To do this turn on the vehicle's ignition, give the radio transmitter button a quick press, type 2 on the keypad and immediately turn off the ignition. Vacate the vehicle, closing all doors, boot and bonnet. Now arm the security system in the normal way.

The security system will acknowledge arming with 8 flashes of the vehicle's hazard warning lights, instead of the normal 4.

Ultrasonic protection will be restored next time you arm the security system in the normal way.

### Enable/Disable Safety-Lock Feature (Options 4 and 5 on the keypad)

Many Police forces now recommend that you lock your vehicle's doors whilst driving, Safety-Lock prevents you from having to remember to do so. If all the doors, bonnet and boot are closed and you turn on the vehicle's ignition all the doors and boot will single-lock. Unlike double-locking, the doors can be opened internally at any time. When you turn off the ignition all the doors and boot will automatically unlock.

To stop the doors and boot locking on a single occasion, for example if you wish to start the engine and then vacate the vehicle, perhaps to scrape ice from the windows, open a door and turn on the vehicle's ignition, after 1 second the vehicle's hazard lights will give a single flash. It is then safe to close your door and Safety-Lock will not lock your doors until the next time you turn the vehicle's ignition off then on again.

To enable Safety-Lock turn on the vehicle's ignition, give the radio transmitter button a quick press, type 4 on the keypad and immediately turn off the ignition. Safety-Lock will now function as described.

To disable Safety-Lock turn on the vehicle's ignition, give the radio transmitter button a quick press, type 5 on the keypad and immediately turn off the ignition. Safety-Lock is now disabled and will not operate your door locks.

### IMPORTANT NOTICE:

All people driving the vehicle should be made aware that Safety-Lock is enabled, to prevent them inadvertently locking the keys inside the vehicle.

### Displaying Vehicle's Battery Voltage (Option 8 on the Keypad)

Turn on the vehicle's ignition, give the radio transmitter button a quick press, type 8 on the keypad and immediately turn off the ignition. The dashboard LED will flash the approximate voltage of the vehicle's battery (i.e. 12 flashes = 12 volts). A battery voltage below 9 volts can affect the security system's correct operation and the vehicle may not start. If your security system is armed and you have power loss, the radio transmitter may not operate the security system, and your emergency override keypad may not operate. Recharge the vehicle's battery if possible, or contact your motoring organisation.

#### Enable Super-Lock (Option 9 on the keypad)

Many vehicles are stolen when thieves break into your home and steal your car keys and radio transmitter, perhaps while you are on holiday. Super-Lock works by temporarily ignoring all radio transmitters.

Once Super-Lock has been enabled, only when the PIN code is entered into the keypad will the security system disarm. There is of course a little inconvenience when you disarm the security system yourself, because you must first trigger it in order to gain access to the keypad. However Super-Lock does offer a very high level of security to your vehicle whilst your radio transmitter is not in your possession.

To enable Super-Lock turn on the vehicle's ignition, give the radio transmitter button a quick press, type 9 on the keypad and immediately turn off the ignition.

#### Arming the Security System After Enabling Super-Lock

After enabling Super-Lock you may arm the security system once in the normal way using the radio transmitter.

#### Disarming the Security System After Enabling Super-Lock

To do this, enter the vehicle, the siren will sound, type your PIN code into the keypad, the security system will disarm in the normal way.

All your radio transmitters will now function as normal.

#### Adjusting Door Open Warning Bleep Volume (Option \* on the keypad)

To switch between loud and soft door open warning bleeps, turn on the vehicle's ignition, type \* on the keypad and immediately turn off the ignition.

## 6. Radio Transmitters

Your SUBARU Category 1 Alarm System's radio transmitters operate on the DTT and R&TTE approved frequency of 433.92mhz, for use in all EU member states. Although extremely robust you must take care of your radio transmitters to prolong their working life.

If you lose or damage a radio transmitter, replace it immediately.

If you need more than two radio transmitters for your security system your SUBARU dealer can supply a third or fourth transmitter (maximum 4 to preserve security).

The radio transmitters are battery powered and although the batteries are long life lithium cells, it is recommended that these are changed every year. Your SUBARU dealer will be pleased to supply these for you.

### Replacing the Batteries in a Radio Transmitter

Eventually the lithium battery cells will need replacing. A symptom of low battery power is reduced operating range from the vehicle. To maintain optimum performance of the radio transmitter it is good practice to replace the lithium battery cells annually.

The radio transmitters are built into the ignition keys and are powered by single lithium cell (model number CR1620). For information on changing the cells in these transmitters consult your vehicle handbook.

#### Caution:

Lithium battery cells should not be exposed to temperatures exceeding 60°C (140°F). You must dispose of depleted lithium batteries carefully. Battery cells may explode or leak if recharged, incinerated or short-circuited. Your local authority will advise you of the correct disposal method in your area.

## Teaching New Radio Transmitters to the Security System

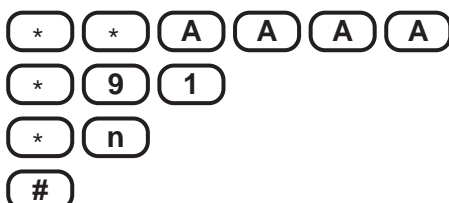
### IMPORTANT NOTICE:

When teaching one or more radio transmitters into the security system all previous radio transmitters will be erased from the security system. You must always teach ALL the radio transmitters required to operate the security system during the Teaching New Radio Transmitters to the Security System process.

#### Note:

When using the keypad, each time a button is pressed the LED on the keypad will flash once as confirmation. The next button should not be pressed before this confirmation. However, you only have 10 seconds to enter the next character. If you do not press the next character within this time period the LED on the keypad will flash repeatedly, after which you must start the sequence again from the beginning.

With the ignition switched off and the security system disarmed, type into the keypad the following:

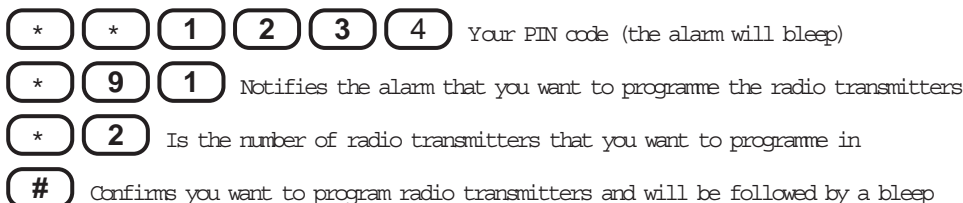


Where AAAA represents the 4-digit PIN code and n represents the total number of radio transmitters to be recognised by the security system (maximum 4). To confirm correct input of your PIN code the siren will bleep after entering the last digit. The numeric 91 is the access code or command, which tells the alarm unit to accept the new transmitters.

Then immediately give the button on the first radio transmitter a quick press, the siren will bleep, now give the button on the second radio transmitter a quick press, the siren will bleep again, continue with third and fourth radio transmitters (if applicable). After pressing your final radio transmitter wait 10 seconds. Finally test that all your radio transmitters arm and disarm the security system.

#### Example

So for example if the PIN code is 1234 and you wish to programme in 2 radio transmitters you would type in:



Then press the remote keys at the appropriate time.

Example only





## 7. Trouble Shooting Table

IF THIS HAPPENS	IT COULD BE THIS	DO THIS
Security system will not arm/disarm from radio transmitter.	Are you parked near high power radio transmitter masts? These could be blocking your signal.	Enter PIN number and override security system. Drive vehicle to an area with no interference.
	Battery in the radio transmitter is flat.	Try another radio transmitter. Change the battery.
	Check vehicle's ignition is off	Turn vehicle's ignition off
	Vehicle's battery is flat	Charge vehicle battery
Vehicle will not start	Has the automatic immobilisation set?	With the ignition ON press the radio transmitter button once - dashboard LED will flash - start vehicle.
	Check vehicle's battery is not flat.	Charge vehicle's battery.
Security system activates with no apparent cause	Are any of the doors, windows, bonnet, boot or sunroof open?	Close opening and re-arm.
	Check for moving items in vehicle, i.e. air fresheners, etc. hanging from rear view mirror, etc.	Remove item.
	People or animals are inside the vehicle.	Follow operating instructions to disable ultrasonic sensors whilst vehicle is occupied.
	Check all air vents are closed.	If open, close vents

### Remember

Make sure all the security system's radio transmitter keys operate.

Replace radio transmitter batteries annually.

If a radio transmitter is lost or damaged replace it immediately.

Further problems should be referred to your SUBARU dealer at the soonest possible opportunity.

## 8. Notes

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