



AVS 4601 USER MANUAL

July 2003 EDITION

ALARM FEATURES

- TWO ROLLING CODE REMOTES (4 BILLION CODE VARIATIONS)
- TWO ON BOARD IMMOBILISER CIRCUITS
- AUTOMATIC IMMOBILISATION
- CENTRAL LOCKING OUTPUTS
- INDICATOR/PARKLIGHT FLASH
- BLACK CABLE LOOM
- SIMPLE PROGRAMMING OF FEATURES FROM REMOTE CONTROL
- PIN CODE OVERRIDE VIA IGNITION SWITCH (63000 POSSIBLE CODES)
- PERIMETER NIGHT LIGHT
- TIMED HEADLIGHT DELAY
- PAST ALARM TRIGGER MEMORY

ALARM CERTIFICATION/STAR RATING

CERTIFICATION

THE AVS 4601 IS CERTIFIED TO AS/NZ4601.1999.

NEW ZEALAND SECURITY ASSOCIATION STAR RATING

THE AVS 4601 IS RATED 3 STAR.



IF FITTED WITH AN OPTIONAL SIREN THE AVS 4601 IS RATED 4 STAR.



INTRODUCTION

Thank you for purchasing the AVS 4601 immobiliser system for your vehicle. The AVS 4601 is designed to provide a high level of protection for your vehicle and has been tested and certified to meet AS/NZS 4601:1999.

SYSTEM FEATURES

Auto-immobilisation:

The AVS 4601 will automatically immobilise 38 seconds after the ignition is switched OFF. The LED will light solid to indicate it is in auto-immobilise mode. This feature cannot be turned off and is part of the AS/NZ standard.

Vehicles with central locking:

Make sure you watch the indicators flash once when you arm the system. (You may wish to discuss with your installer fitting an optional siren, so you can hear when you have armed your car).

NOTE: If you take longer than 38 seconds to exit your vehicle, when you press the remote button thinking to lock the vehicle, you will actually be turning the immobiliser off temporarily and leaving your car unlocked. You must in this instance press your remote button a second time to lock your vehicle and turn the immobiliser back on. If the indicators flash once you have correctly armed the system.

Arm by remote (and lock if central locking is connected):

The system is activated by pressing the top button (closest to the remote's LED) on the remote. The indicators will flash once and (if fitted) the siren will chirp once. If central locking is connected the doors will lock. The LED light on the dash will stay on for 20 seconds then flash.

NOTE: The alarm will not activate until the LED on the dash starts flashing.

Disarm by remote:

To disarm the immobiliser, press the top button (closest to the remote's LED) on the remote. The indicators will flash twice and (if fitted) the siren will chirp twice. If central locking is connected the doors will unlock. The LED light on the dash will stop flashing.

Silent arm/disarm:

Push both remote buttons together to silent arm/disarm.

Low remote battery warning:

When the battery in the remote is almost flat the remote's LED will flash instead of lighting constantly when a button is pressed.

Auto re-arm and re-lock (programmable):

If the system is disarmed and a door is not opened within 60 seconds the system will re-arm and (if central door locking is connected) re-lock the doors.

NOTE: The immobiliser will auto immobilise after 38 seconds then at the 60 second mark will fully arm and (if central door locking is connected) lock the doors.

Door ajar warning (programmable):

If the vehicle's doors are not properly closed when you try to activate the immobiliser system, the indicators will flash for three seconds to alert you that the vehicle is not secure.

Panic/car finder:

Press and hold the top button on the remote for three seconds. The indicators start to flash and (if fitted) the siren will sound. To cancel "panic" push the top button for one second. The panic feature will not work when the ignition is switched on.

Boot release output (optional connection by installer at extra cost):

Press the bottom button for three seconds. The immobiliser will remain armed, the negative (i.e. boot) and door circuit will be temporarily disabled until both the doors and boot are closed again. For safety reasons the boot release will not work with the ignition on.

Timed headlight delay feature (optional connection by installer at extra cost):

This optional feature turns the headlights on for 15 seconds lighting your path when the immobiliser is armed by remote. The headlights can be turned off before the 15-second period by pressing the bottom button on the remote.

Perimeter night light feature (programmable):

When this feature is turned on the indicators stay on constantly for 20 seconds on disarm, or until the ignition is switched on.

Dome light extension (programmable):

The interior light comes on constantly when the system is disarmed via remote. The light stays on for 15 seconds, or until the ignition is switched on. The interior light also comes on automatically when the ignition is switched off. The light stays on for 15 seconds or until the system is armed by remote or the ignition is turned on again.

NOTE: If you activate the automatic re-arm and re-lock feature, this feature will be disabled.

Door lock on ignition (programmable):

This feature will automatically lock the doors when the ignition is turned on and unlock the doors when the ignition is turned off.

NOTE: This feature can only be programmed if central door locking is connected.

PIN override:

This feature enables you to disarm the immobiliser if the remotes are inoperable. The PIN code can be any two numbers between 3 and 255. There are 63000 possible code combinations. The PIN is factory set to (3)(4) but can be changed to your requirements. See "How to change your PIN code" overleaf.

To enter override mode and disarm the immobiliser:

1. Open the drivers door and leave it open. If a siren is fitted it will sound.
2. Turn the ignition on then off an equal number of times to the first PIN code digit. This is a number between 3 and 255.
3. Wait for the indicators to flash once. This occurs whether you have entered the correct code or not.
4. Now turn the ignition on then off an equal number of times to the second PIN code digit. This is a number between 3 and 255.
5. The immobiliser will now disarm. You must start the car within 38 seconds or the system will automatically re-arm.
6. If you turn the ignition off you will have to repeat this procedure every time you wish to start the car.

How to change your PIN code:

The PIN code has 63000 possible combinations. To set a new code:

1. Open the drivers door **then** turn the ignition on.
2. Push the top button on the remote 10 times.
3. Turn the ignition off. The indicators will flash once to indicate you have entered PIN entry mode.
4. Turn the ignition on then off anywhere from 3 to 255 times. i.e. 11 times. You have now set the first PIN code digit.
5. Wait for the indicators to flash once.
6. Now turn the ignition on then off anywhere from 3 to 255 times. i.e. 36 times. You have now set the second PIN code digit.
7. Wait for the indicators to flash once.
8. You have now set the PIN from the factory setting of (3)(4) to (11)(36).
9. Make sure you remember the new PIN code!

Learning new remotes:

To program new remotes into the system follow the procedure below:

1. Turn ignition on.
2. Immediately press and hold the top button on the original remote until the indicators start flashing (approx. 4 seconds) and then release the button.
3. Immediately press and hold the top button on the new remote for at least 4 seconds.
4. Turn the ignition off. The new remote is now coded in.

Battery Backup Siren (optional upgrade):

The AVS 4601 can be fitted with an optional battery backup siren. This siren has a built-in battery which keeps itself charged from the vehicle's power source. If the wires to the siren are cut or the car battery disconnected by a car thief the siren will continue to sound. The battery backup siren is supplied with two keys for the key switch on the top of the siren. If you need to disconnect your vehicle's battery the siren will need to be turned off with the key switch. Remember to turn it back on when the battery is reconnected!

Interior Piezo Siren (optional upgrade):

An internal piezo siren can be fitted in the cabin of the vehicle to deter thieves from entering the vehicle when the alarm is triggered.

WARNING: DO NOT LEAVE ANIMALS OR CHILDREN IN THE VEHICLE IF THIS OPTION IS FITTED.

Shock Sensor (optional upgrade):

A shock sensor will detect shocks to the vehicle such as a window impact. The shock sensor is not designed to detect the car being rocked or the tyre being kicked.

Ultrasonic Motion Sensor (optional upgrade):

Ultrasonic motion sensors detect air movement inside the vehicle. If a window is broken or the sensor detects any movement inside the car the alarm will be triggered.

NOTE: As an ultrasonic sensor detects air movement be sure to close all the windows and the sunroof when arming the system or it may false alarm.