

THE NETHERLANDS  
(N E D E R L A N D)

## EEC TYPE-APPROVAL CERTIFICATE

Communication concerning the:

- type-approval
- extension of type-approval
- refusal of type-approval
- withdrawal of type-approval

of a type of a ~~vehicle/component~~/separate technical unit with regard to Directive 74/61/EC, as last amended by Directive 95/56/EC.**Type-approval number** : e4\*74/61\*95/56\*0221\*00

Reason for extension : Not applicable

## SECTION I

- 0.1. Make (trade name of manufacturer) : Gemini
- 0.2. Type and general commercial description(s) : 7590 (car alarm system)
- 0.3. Means of identification of type if marked on the ~~vehicle/component~~/separate technical unit : Label
- 0.3.1. Location of that marking : On the central control unit
- 0.4. Category of vehicle : M1
- 0.5. Name and address of manufacturer : Gemini Trading S.r.l.  
Via L. Galvani 12  
I-21020 Bodio Lomnago (VA)  
Italy
- 0.7. In the case of components and separate technical units, location and method of affixing of the EEC type-approval mark : With label on the central control unit





0.8. Address(es) of assembly plant(s) : Gemini Trading S.r.l.  
Via L. Galvani 12  
I-21020 Bodio Lomnago (VA)  
Italy

SECTION II

1. Additional information (where applicable) : see Addendum
2. Technical service responsible for carrying out the tests : TNO Automotive  
P.O. Box 6033  
2600 JA Delft  
The Netherlands
3. Date of test report : 12 January 2004
4. Number of test report : 04.KR.KE.1261.1/GVR
5. Remarks (if any) : see Addendum
6. Place : Zoetermeer
7. Date : 22 JAN. 2004
8. Signature :



9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.



## ADDENDUM

to EEC type-approval certificate number: e4\*74/61\*95/56\*0221\*00

concerning the type-approval as separate technical unit of a vehicle alarm system with regard to Directive 74/61/EEC, as last amended by Directive 95/56/EC.

1. Additional information
- 1.1. Trade name or mark of the alarm system : Gemini
- 1.2. Type of alarm system : 7590
- 1.3. Brief description of the alarm system : Modular alarm system with integrated immobilization circuit, ultra-sound sensors, tilt sensor, LED, remote control, wire harness and siren with backup battery.
- 1.4. List of vehicles to which the alarm system is intended to be fitted : All vehicle types having 12 Volt battery using negative earth
- 1.5. Types of vehicle on which the alarm system has been tested : The alarm system has been tested as a separate technical unit
- 1.6. List of main components, duly identified, comprising the alarm system : Central control unit, make Gemini, type 7590.  
Siren with backup battery, make Gemini, type 7125 TNC.  
Tilt sensor, make Gemini, type 7530.  
Remote control, make Gemini, type 7208.
5. Remarks : --





*Information document No. 56-7590-1.  
relating to EEC type-approval as component or separate technical unit of vehicle immobilizers  
(Directive 74/61/EEC, as last amended by Directive 95/56/EC)*

The following information, if applicable, must be supplied in triplicate and include a list of contents. Any drawings must be supplied in appropriate scale and in sufficient detail on size A4 or on a folder of A4 format. Photographs, if any, must show sufficient detail.

If the system, components or separate technical units have electronic controls, information concerning their performance must be supplied.

**0. General**

- |     |   |   |
|-----|---|---|
| 0.1 | Make (trade name of manufacturer)   | Gemini  |
| 0.2 | Type and general commercial description(s)  | 7590 (car alarm system)   |
| 0.5 | Name and adress of manufacturer   | Gemini Trading s.r.l.<br>Via L. Galvani 12 Bodio Lomnago (VA) Italy |
| 0.7 | In the case of componenets and separate technical units, location and method of affixing of the EEC approval mark | see technical file  |
| 0.8 | Adress(es) of assembly plant(s)   | Via L. Galvani 12 Bodio Lomnago (VA) Italy                          |

**1. Description of the device**

- |     |   |                                       |
|-----|---|---------------------------------------|
| 1.1 | A detailed technical description of the device including, inter alia, the measures taken against inadvertent activation | see technical file                    |
| 1.2 | The vehicle on wich the device acts   | MI category.                          |
| 1.3 | Method of setting/unsetting the device  | remote controls and or electronic key |
| 1.4 | Number of effective interchangeable codes, if aplicable, their reference marks  | see technical file                    |
| 1.5 | List of main components compromising the device and, if applicable, their reference marks                               | see technical file                    |

**2. Drawings**

- |     |  |                    |
|-----|--|--------------------|
| 2.1 | Drawings of the main components of the device (the drawings must show space for the EEC type-approvalmark) | see technical file |
|-----|--|--------------------|

**3. Instructions**

- |     |   |   |
|-----|---|---|
| 3.1 | List of vehicles to which the device is intended to be fitted | all vehicles with 12 volt , negative earth. |
| 3.2 | Description of the method of installing illustrated           | see technical file                          |
| 3.3 | Instructions for use  | see technical file                          |

