G100 - G300

ISTRUZIONI COMPLETE
COMPLETE INSTRUCTIONS

cobra
AUTOMOTIVE
TECHNOLOGIES

1 - LEGENDA E CONTENUTO DEL KIT.

Centralina
Central unit
Centrale
Centralita
Central
Ηλεκτρονικός εγκέφαλος
Centrální jednotka
Styrenhet
Sentralenhet
Central

Sirena non autoalimentata
Siren without backup battery
Sirène non autoalimentée
Sirena no autoalimentada
Sirene não auto-alimentada
Μη αυτοτροφοδοτούμενη σειρήνα
Siréna bez vlastního napájení
Ej självförsörjande sirén
Sirene uten selvmatingsbatteri
Sirene uden batteri

Radiocomando
Radio controls
Radiocommande
Radiomando
Comando por rádio
Τηλεχειρισμός
Rádiové ovládání
Fjärrkontroller
Fjernkontroller
Fjernbetjeninger

8772

Cablaggio
Wiring harness
Câblage
Cableado
Conjunto de fios
Καλωδίωση
Kabeláž
Kablar
Ledningsnett
Kabler

Pannello di controllo
Control panel
Tableau de commande
Panel de control
Painel de controlo
Πίνακας ελέγχου
Ovládací panel
Kontrollpanel
Kontrollpanel
Styrepanel

Cablaggio sirena
Siren wiring harness
Câblage sirène
Cableado de sirena
Conjunto de fios da sirene
Καλωδίωση σειρήνας
Kabeláž sirény
Sirénkablar
Ledningsnett sirene
Sirenekabler

Sacchetto accessori
Fittings bag
Sachet des accessoires
Bolsa de accesorios
Saco de acessórios
Σακίδιο με αξεσουάρ
Sáček příslušenství
Tillbehörspåse
Pakke med monteringsdeler
Pose med tilbehør

Manuale utente/installatore
User/installation manual
Manuel utilisateur/Installateur
Manual del usuario/instalador
Manual de uso/instalação
Εγχειρίδιο χρήστη
Návod pro uživatele/instalatéra
Användar-/installattionshandbok
Brukermanual/installatørmanual
Bruger-/installatørmanual

Dima di foratura
Drilling mask
Gabarit de perçage
Escantillón para perforar
Escantilhão para perfuração
Έλασμα τρυπήματος
Vrtací šablona
Borrningsmall
Hullmal
Hulskabelon

Sensori ultrasuoni
Sensor transducers
Capteurs à ultrasons
Sensores a ultrasonido
Detectores de ultra-sons
Αισθητήρας υπερήχων
Ultrazvukové snímače
Ultraljudssensorer
Ultralydsensorer
Ultralydsfølere

Pin Code Card
Pin Code Card
Carte Code PIN
Tarjeta de código PIN
Cartão do código PIN
Pin code card
Karta s pin kódem
Pin code card
PIN-kodekort
Pin-kode card

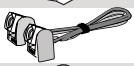
Staffa
Bracket
Patte de fixation
Estribo
Presilha
Βραχίονας
Třmen
Bygel
Bøjle
Bøjle

Sirena autoalimentata
Siren with backup battery
Sirène autoalimentée
Sirena autoalimentada
Sirene auto-alimentada
Αυτοτροφοδοτούμενη σειρήνα
Siréna s nezávislým napájením
Självförsörjande sirén
Sirene med selvmatingsbatteri
Sirene med batteri

Vetrofania
Warning sticker
Vitrauphanie
Calcomanía de advertencia
Aviso autocolante
Αυτοκόλλητα για τα τζάμια
Fólie na sklo s upozorněními
Varningsetikett
Advarselssticker
Advarselsmærkat

Driver card
Driver card
Carte de circuit de commande
Driver card
Cartão do condutor
Driver card
Driver card
Driver card
Driver card
Driver card

Codice ricambio
Spare part code: 4T2771B2G

CONTENUTO DEL KIT / KIT CONTENTS	AKG 368	AKG 198	AKG 193	AKG 363	ACG 196	ACG 366
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓		
	✓	✓				
			✓	✓		
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
		✓	✓		✓	
	✓	✓				
	✓	✓	✓	✓		
	✓	✓				
	✓			✓		✓

GB

Dear Customer,
Thank you and congratulations for choosing our product. It is a technologically advanced alarm system which meets the performance standards set by automobile manufacturers and complies with the European directives.
After the system was installed, dear Customer, you were given the radio controls or Driver Card (where foreseen) and the user's manual, which also contains the product's declaration of conformity and the relative installation certificate.

The manual is divided into 22 parts:

Please read the manual carefully to get the full benefit of the product purchased.We also advise you to keep this manual in the same place as your car documents for easy consultation when needed.If any problem arises that cannot be resolved, please contact your dealer.

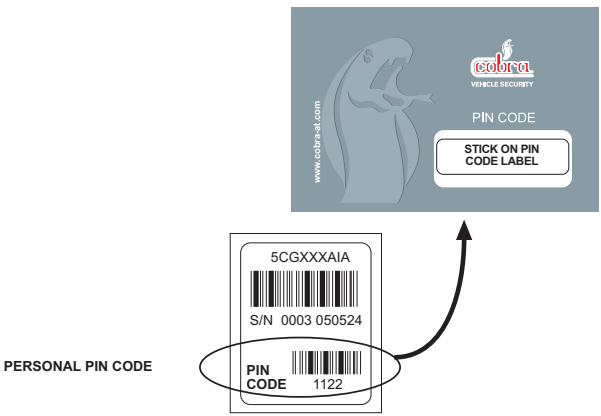
2 - INFORMATION.

The system is equipped with a self-learning function which makes it possible to simplify all operations necessary for adding or replacing radio controls / Driver Cards but only with the user's consent.
For the procedure make reference to the manual at page 69 on www.cobra-at.com

2.1 - Personal PIN CODE.

Each **G100 - G300** system has a PIN code that is used to disarm the system in emergencies.

This is a PIN CODE CARD sample
(PIN CODE is a factory-setted):



We advise you to stick the **PIN CODE** adhesive label onto the PIN CODE card (which may be found on the rear of the control unit).

3 - INTRODUCTION.

These anti-intruder alarm systems are controlled by a radio control device - G100 or G300 - with Driver Card with high security codes. This technology provides an extremely high degree of protection against any attempt to reproduce the code.
The radio control makes it possible to activate the system from a distance of 5 - 10 metres from the vehicle, while the drivers card transmits from a distance of 1 - 5 metres from the vehicle.
In some circumstances the range may be shorter due to interference from other sources (e.g. radio transmitters operating on the same band).
If the radio control is not effective in the usual range, get as close to the vehicle as you can.
If radio - controlled window closing is foreseen, we advise you to stay very close to the vehicle when carrying out this operation to make sure it is performed under safe conditions.

Your vehicle's complete protection is assured by:

Mod.	ENGINE LOCK PROTECTION	VOLUMETRIC PROTECTION	PERIMETRIC PROTECTION	WIRING CUT PROTECTION
AKG368	•	•	•	•
AKG198	•	•	•	•
AKG193	•	•	•	
AKG363	•	•	•	
ACG196	•		•	
ACG366	•		•	

Note: in product G366 (without us) the perimeter connection must only be made on the door pushbutton connection.

4 - ADDITONAL PROTECTIONS (G100-G300).

You can increase the protection level of the system with the following additional sensors:

5452: Level monitor module.
When the system is armed, this sensor will detect the vehicle being jacked up to tow it away or steal the wheels.

5462: Hyperfrequency module.
When the system is armed, hyperfrequency emissions from the module hidden in the car will ensure volumetric protection of the vehicle.

2980: Windows lift module.
The electric windows of your car will raise automatically when the system is armed.

5 - LIST OF FUNCTIONS.

5.1 - Standard functions list.

The following list indicates the main functional characteristics of the alarm system.

G100

- Radiocontrol button functions.
- Arm / Disarm by means of dynamic - code radio controls.
- Disablement of the sensor transducer and / or external sensor.
- Panic alarm.

G300

- Arm / disarm controls self - learning procedure.
- Arm by means of the vehicle's original radio controls
- Driver card armed / disarmed.
- Disablement of the sensor transducer and / or external sensor.
- Driver card functions.

G100 - G300

- Volumetric protection of the vehicle's interior by ultrasonic sensor not requiring sensitivity adjustment.
- Perimetric protection. When the alarm is armed, after 25 s the siren will sound if a door or the bonnet or boot is opened.
- Protection of start attempts. With the alarm connected the engine is blocked and a start attempt generates an alarm.
- When an alarm occurs the siren sounds for 30 s. The direction lamps flash.
- Emergency disarming by pin-code.
- Wire-cutting protection.
- Original centralised door and boot closing system.
- LED indicating the system's status with alarm-record memory function.
- Safety circuit to prevent the system being armed when the engine is running.
- Coupling of modules / siren 4310 / satellite alarm ICD31 on Cobra Bus line.

5.2 - List of basic functions (programmable).

These are the functions that require programming in keeping with the vehicle model and desired operating characteristics of the alarm system. Please refer to the basic functions table in the programming tables section.

G100

- Centralised closing times.
- Controlled comfort window closing.
- Silent arming.
- Armed/disarmed blinker

G100 - G300

- Door / bonnet / boot open signal.
- Automaticsystem arming.
- Automatic start prevention arming (starter).
- Start prevention alarm.

5.3 - List of advanced functions (programmable).

These are special functions that require programming in keeping with the desired operating characteristics of the alarm system. Please refer to the advanced functions table in the programming tables section.

G100

- Autolock - Automatic door locking.
- Autolock - AMERICAN STYLE.
- AutoHazard (switching on indicator lights in the case of emergency braking).
- Door closing by anti-diversion alarm.
- Car Finder.
- Automatic anti - theft protection.
- Voluntary anti - theft protection.
- Trunk Release (truck opening).

G300

- Automatic anti - theft protection.
- Voluntary anti - theft protection.

G100 - G300

- Automatic anti - theft protection delay with odometer.
- Pager output.
- Anti - diversion blocker.
- Anti - diversion alarm.
- Buzzer.
- Speed limit signal.

6 - LIST OF STANDARD FUNCTIONS (not programmable).

G100

RADIOCONTROL BUTTON FUNCTIONS (G100).

Button A This button arms the alarm and blocker system, deactivates the volumentric input and additional sensors input, activates the panic option, gives access to the programming function, selects the line and raises the buzzer volume in the programming table, and activates the Car Finder option.

Button B This button deactivates the alarm, block system, activates/deactivates the function and lowers the buzzer volume.

6.1 - Arming.

- When radiocontrol button “A” is pressed, the doors lock (if the vehicle is equipped with a centralized locking system).
- The direction lights flash twice.
- The buzzer emits two acoustic signals (if enabled).
- The protection functions activate after **25** s.
- The LED lights up and stays on for **25** s, then flashes.

6.2 - Disarming.

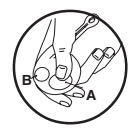
- When radiocontrol button “B” is pressed, the doors unlock.
- The direction lights flash once.
- The buzzer emits one acoustic signal (if enabled).
- The protection functions are immediately deactivated.
- The LED is switched off.

6.3 - Interrupting an alarm during the warning-signal cycle.

While the system is sounding the alarm it is possible to deactive the siren and flashing lights by pressing radio control button “B” once (one press). This operation interrupts the alarm cycle, but the system stays armed. To deactivate the system completely, it is necessary to disarm it by pressing radiocontrol button “B” again (two presses).

RADIOCONTROL FUNCTIONS	Button A	Button B
Arming	•	
Disarming		•
Interrupt alarm		•
Panic alarm	•	
Deactivate ultrasonic volumetric sensor and additional sensor (if installed)	•	
Car finder	•	

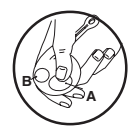
6.4 - Deactivating the ultrasonic volumetric sensor.



If you wish to activate the protection system with the windows left open or when a passenger will be staying inside the passenger compartment, it is possible to deactivate the volumetric sensor so that it will not generate any alarms.

1) Activate the system by pressing radiocontrol button “A”.

2) Press radiocontrol button “A” again within 25 s.



If a hyperfrequency or anti-lifting sensor is installed, it is possible to disable it by pressing button “A” twice within 25 s. The reception of the signal is confirmed by one flash of the direction indicators and by an acoustic signal from the buzzer (if enabled). The sensor has been disabled; all the other protection functions remain active. The sensors will be automatically reactivated the next time the system is armed

6.5 - Panic Alarm.

Whenever you press radiocontrol button “A”, provided 25 s have elapsed after arming the system, it will produce an alarm cycle (siren sound and flashing direction lamps). If the Car Finder function is enabled, press radiocontrol button “A” twice (2 consecutive presses). To stop the panic alarm, press radiocontrol button “B.

G300

INTRODUCTION.

This alarm system can self-learn a series of recurrent signals that take place on the vehicle when the operations for locking and unlocking the doors are executed the original radio control device. The signals that are normally utilised are the engine comand, door deflector status and direction indicator signals. If connection to the direction indicators is foreseen for alarm activation/deactivation, please note that:

- the alarm may not activate / deactive when the vehicle’s emergency blinker is on.

6.6 - Arm / disarm controls self - learning procedure.

For self-learning of the arm / disarm commands through the vehicle’s original radiocontrol device, the following conditions are indispensable:

1) G300 system **disarmed.**
2) Door and bonnet **closed**.
3) Ignition off (**+15 absent**).

Proceed as described:

A) Connect the GREY - BLACK lead to Ground (GND) for at least 1 s.
B) The LED will start to flash slowly.
C) Press the Lock (close) button on the vehicle’s original radiocontrol.
D) The LED flashes fast while awaiting the door opening signal.
E) Press the Unlock (open) button on the vehicle’s original radiocontrol device for the system disarmed signal.
F) The confirmations of the happened self-learning process of the signal is confirmed by an acoustic signal emitted by the buzzer.

6.7 - Arming

6.7.1 Arm by means of the vehicle's original radio controls

- When the lock button on the original radiocontrol is pressed, the doors lock and the system is armed.
- The buzzer emits two acoustic signals (if enabled).
- The LED lights up and stays on for **25** s, then flashes.
- The protection functions activate after **25** s.

6.7.2 Arm with Driver Card

It is also possible to connect the alarm system in the event of an emergency by pressing the button on the Driver Card, without locking the doors.

6.8 - Disarming (using the Driver Card).

Introduction: the alarm is disconnected using the vehicle's original remote control and by recognition of the Driver Card as follows:

6.8.1 - original radiocontrol recognition procedure.

- Press the original radiocontrol button to unlock the doors.
- The direction lights flash ("pre - disarm" phase).
- The protection functions are temporarily deactivated while awaiting the Driver Card signal.
- The buzzer emits an acoustic signal (if enabled). Once the Driver Card has been recognised, the LED switches off.

Note: it is also possible to disarm the alarm system in the event of an emergency by pressing the button on the Driver Card, without unlocking the doors.

6.9 - Deactivating the ultrasonic volumentric sensor.

If you wish to arm the protection system with the windows lift open or when a passenger will be staying inside the passenger compartment, it is possible to deactivate the volumetric sensor so that it will not generate any alarms.

- Within 5 s after having turned off the ignition and from the door opening, keep the button pressed down until you see the LED give a long flash. If a hyperfrequency or anti-lifting sensor is installed, it is possible to disarm it by pressing the button again within 5 s after the LED has flashed. The LED will flash again to confirm its deactivation.
- Arm the system by pressing the radiocontrol button: the sensors are deactivated but all the other protections are active. The sensors will be automatically reactivated the next time the ignition is turned on.

6.10 - Driver card Function.

The Driver Card is used exclusively for the user recognition phase:
When the doors are unlocked by the vehicle's original radiocontrol the system goes into a "pre-disarm" phase which lasts for 25 s, activated by the opening of a door.
When 25 s have elapsed after the door opened, unless Driver Card recognition has occurred an alarm state is generated. It is possible to disarm the system during the alarm phase using the Driver Card key or by keying in the entire Pin Code from the LED panel (see page 72).

G100 - G300

6.11 - Protection functions.

When the system is armed, opening the bonnet/boot/door or attempting to start the vehicle generates an acoustic and visual alarm cycle that lasts approximately 30 s. In products that include a volumetric sensor, the alarm will be triggered off by intrusion into the passenger compartment. At the cycle's end the system stays armed.

6.12 - Coupling of modules / siren 4310 / satellite alarm ICD31 on Cobra Bus line.

On the Cobra Bus line (pin 14) it is possible to connect the following additional modules (Siren 4310 / anti-lifting module / satellite alarm ICD 31 / Engine lock 8509) by means of the following programming procedure:

1. Disconnect system.
2. Enter programming mode using the dedicated procedure for the product.
3. Move from page 1 to page 7 by activating and de-activating the panel (+15 ON / OFF).
4. The storage and completion of programming is signalled by flashing indicator lights.

Repeat from point 1 if a module of the Cobra Bus line is disconnected.

NOTE: with the alarm disconnected, disconnecting a self learning module from the Cobra Bus line, when the G100/G300 is armed the indicator lights will flash 8 times and if the Buzzer is activated it will signal 8 times by the buzzer.

ATTENTION!

If both radiocontrol devices (G100) or Driver Card (G300) have been lost, proceed as follows:

A. Disarm the system by keying in the PIN code.
B. Cut off the system's power feed (disconnnect the connector from the central unit).
C. Open a door and the vehicle's bonnet.
D. Turn on the ignition.
E. Reconnect the power feed.

F. Key in the PIN code.
G. The LED will confirm with a long flash that the code you have entered is correct.
H. After about 5 s the LED will light up with a steady light and by 5 flashes from the direction indicators to signal that you have entered the self-learning procedure.
I. Ref. subsection 16.1 point 7 and 16.2 the point 8 of the procedure for adding on new radiocontrol / Driver Card devices for all the transmitters to be enabled.

Note: When a new remote control / Driver Card is coupled, the system automatically prevents use of the previous ones. They can only be used if they are re - enabled through the self-learning procedure.The system can memorize up to a maximum of 4 radiocontrol devices (G100), or 4 Driver Cards (G300).

7 - LIST OF BASIC FUNCTIONS

As the functional characteristics of this system can be personalised, the installer will have clearly marked in this manual which of them are enabled. The standard factory setting is the one indicated by a dark square.

G100

7.1 • Controlled comfort window closing.

☐ **Enabled** ■ **Disabled**

When arming, if radio control button “A” is kept pressed down the windows close in controlled comfort mode. This makes it possible to stop the window rising by releasing the button.

7.2 • Window control delay activation.

☐ **Enabled** ■ **Disabled**

If radiocontrol window output is enabled, when this function is activated the windows will rise with a delay of 1 s after closing the doors.

7.3 • Silent arming.

For temporary elimination of the buzzer signal when arming the system, press radiocontrol button “A” before turning off the ignition. The next time it is armed, the buzzer will start working again.

7.4 • Armed / Disarmed blinker.

■ **Enabled (G100)** ■ **Disabled (G300)**

The system signals it has been armed with two blinks of the direction lamps, and signals that it has been disarmed with one blink. If this function is disabled, the direction lamps blink only when an alarm cycle is triggered.

7.5 • Automatic system arming.

☐ Enabled ■ Disabled

Once the ignition key has been turned OFF and the last door is closed a **20** s countdown starts, at the end of which the system is automatically armed without locking the doors.

7.6• Automatic engine cut-off .

☐ Enabled ■ Disabled

The engine block is automatically activated **2** min. after the ignition key has been turned off (G100). The LED will flash. The engine cannot be started up now; to disarm the system it is necessary to press radio control button “B”. In the case of G300, it is necessary for the Driver Card and ignition to be recognised, with inition key is turned ON. (+15 ON)

7.7 • Engine cut-off alarm.

☐ Enabled ■ Disabled

This allows the alarm function to be added to the automatic engine cut-off function when armed. After 20 s have passed, once the engine cut-off function is activated, turning on the ignition generates an alarm.

7.8 • Open door/bonnet/boot warning signal.

☐ Enabled ■ Disabled

When armed, the system emits signals consisting of buzzing and blinking (5 blinks instead of 2) if any doors and / or the bonnet or boot are open. If it is closed within 25 s, the system will continue to monitor their status and will signal again if another door / bonnet/ boot opening occurs later. If the 25 s elapse and the door/bonnet/boot has not yet been closed, the system will not monitor their status until another closing/opening operation occurs that triggers an alarm.

7.9 • Autohazard (switching on indicator lights in the case of emergency braking).

☐ Enabled ■ Disabled

If activated, the system turns on the four hazard lights if the vehicle’s speed drops by 50% in one s.

8 - LIST OF ADVANCED FUNCTIONS (programmable).

G100

8.1 • Select automatic door lock mode.

☐ Enabled ■ Disabled

This makes it possible to have the doors close automatically at a pre-set speed or within 20 s after the ignition key is turned ON. In this case the doors are automatically unlocked when the ignition key is turned OFF.

8.2 • Autodoor lock (AMERICAN STYLE).

☐ Enabled ■ Disabled

If the American Style closing is activated, ref. Section “Programming closing times”. To correctly carry out the function, activate also line 4 page 2 in the programming tables.

8.3 • Anti - diversion allarm door closing.

☐ Enabled ■ Disabled

This function adds door-closing to the anti-diversion alarm procedure.

8.4 • Car Finder.

☐ Enabled ■ Disabled

This function will allow you to find where your car is, e.g. in a parking lot. With the alarm system armed and once the inhibition time has elapsed, when radiocontrol button “A” is pressed the system generates a visual alarm by activating the blinkers (and the buzzer too, if enabled) for a maximum of 10 s.The Car Finder function can be used only when the system is armed.

8.5 • Automatic anti - theft protection.

☐ Enabled ■ Disabled

With this mode, the user of the vehicle must be recognised before the vehicle is started. In order to be recognised it is necessary to enter the first 2 digits of the Pin code, or the Driver Card signal must be recognised (if self-learned); within 25 s from switching on the panel. The recognition is confirmed by flashing of the LED. This enables normal use of the vehicle until the panel is next switched off. If the panel is switched off after being recognised, there are 7 s within which to switch on the panel again without the need to be recognised. If there is no recognition, the remote controls are no longer recognised and after 4 min. a 4 min. cyclic alarm is generated. The alarm stops when you turn at the OFF position the ignition key and after 25 s the alarm system and the engine immobiliser will be armed again. In order to switch off the system in the theft protection mode, it is necessary to enter the full Pin Code.

8.6 • Voluntary anti - theft protection.

☐ Enabled ■ Disabled

In this mode the vehicle user voluntarily activates the function by pressing button “B” on the remote control with the panel switched on.
The activated status is confirmed by fast flashing of the LED. After activation, if a door is opened the remote controls are no longer recognised, the LED stops flashing and after 4 min. a 4 min. cyclic alarm is generated; to avoid this situation, the alarm sistem must be recognised the driver card (if self-learned), or must be entred the frist two digits of the Pin code.The alarm stops when you turn at the OFF position the ignition key and after 25 s the alarm system and the engine immobiliser will be armed again. In order to switch off the system in the theft protection mode, it is necessary to enter the full Pin Code. If a door must be opened when the function is active (the LED flashes fast), it must firstly be deactivated by pressing button “B” on the remote control again. The LED flashes once and then switches off.

When the system goes in alarm, the siren will play for 30 s and the direction indicators will flash for 4 min.; instead, if the loudspeaker or the horn have been connected, a visual and acoustic signalling alarm will be emitted for 4 min.

8.7 • Speed limit signal.

☐ Enabled ■ Disabled

If activated, the system signals that the speed limit has been exceeded by means of a buzzer. In order to store the speed limit, press button “A” on the remote control when the vehicle is travelling at the desired speed. To deactivate the function, press button “A” on the remote control once whilst the vehicle is moving.

8.8 • Trunk Release (truck opening)

☐ Enabled ■ Disabled

If the Trunk Release function is activated, with the pressure of both radio control keys to “A” and “B” one has the trunk opening. This is signalled by a 4 s flashing of the indicator lights, and the automatic exclusion of the internal and door ultrasound devices, and the additional modules, too, if they are connected. When the trunk is closed the system automatically reactivates.

G300

8.9 • Automatic anti - theft protection.

☐ Enabled ■ Disabled

With this mode, the user of the vehicle must be recognised before the vehicle is started. In order to be recognised it is necessary to enter the first 2 digits of the Pin code, or the Driver Card signal must be recognised (if self-learned); within 25 s from switching on the panel. The recognition is confirmed by flashing of the LED. This enables normal use of the vehicle until the panel is next switched off. If the panel is switched off after being recognised, there are 7 s within which to switch on the panel again without the need to be recognised. If there is no recognition, the remote controls are no longer recognised and after 4 min. a 4 min. cyclic alarm is generated. The alarm stops when you turn at the OFF position the ignition key and after 25 s the alarm system and the engine immobiliser will be armed again. In order to switch off the system in the theft protection mode, it is necessary to enter the full Pin Code.

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☐ Enabled ■ Disabled

In this mode the vehicle user voluntarily activates the function by pressing button “B” on the remote control with the panel switched on.
The activated status is confirmed by fast flashing of the LED. After activation, if a door is opened the remote controls are no longer recognised, the LED stops flashing and after 4 min. a 4 min. cyclic alarm is generated; to avoid this situation, the alarm sistem must be recognised the driver card (if self-learned), or must be entred the frist two digits of the Pin code.The alarm stops when you turn at the OFF position the ignition key and after 25 s the alarm system and the engine immobiliser will be armed again. In order to switch off the system in the theft protection mode, it is necessary to enter the full Pin Code. If a door must be opened when the function is active (the LED flashes fast), it must firstly be deactivated by pressing button “B” on the remote control again. The LED flashes once and then switches off.

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8.11 • Speed limit signal.

☐ Enabled ■ Disabled

If activated, the system signals that the speed limit has been exceeded by means of a buzzer. In order to store the speed limit, press the button on the LED panel when the vehicle is travelling at the desired speed. To deactivate the function, press the button on the LED panel once whilst the vehicle is moving.

G100 - G300

8.12 • Automatic anti - theft protection delay with odometer.

☐ **Enabled** ■ **Disabled**

If the theft protection function is controlled by a movement sensor (page 5 line 6 active in the programming tables for the G300; page 4 line 6 active in the programming tables for the G100), at a speed other than 0, there is a delay of 4 min.; if the vehicle stops this calculation is suspended. A cyclic sequence of alarms is generated after 4 min. which last 4 min.. Enter the full Pin Code at this point to be recognised.

8.13 • Pager.

☐ **Enabled** ■ **Disabled**

Negative command to control a Pager module.

8.14 • Anti-diversion block.

☐ **Enabled** ■ **Disabled**

After the system has been disarmed by radiocontrol, if the ignition key is not turned on within 40 s the block is automatically rearmed.

8.15 • Anti-diversion alarm.

☐ **Enabled** ■ **Disabled**

After the system has been disarmed by radiocontrol, if the ignition is not turned on within 40 s the system is automatically rearmed. If a door or the boot are opened, the count - down is cancelled.

8.16 • Buzzer.

☐ **Enabled** ■ **Disabled**

The buzzer emits acoustic signals synchronized with the blinking of the direction lamps when the system is armed/disarmed.

9 - POSITIONING THE SYSTEM'S COMPONENTS.

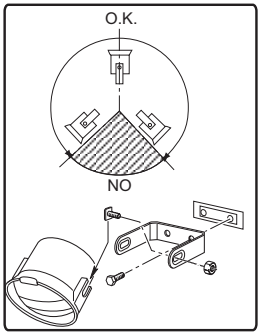
All system components must be positioned in places that are not readily accessible and are not close to sources of heat.

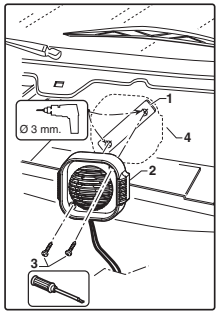
9.1 - Alarm Central Unit.

To be fixed in place inside the passenger compartment using the bi-adhesive provided in the kit, making sure that the main connector faces downwards.

9.2 - Siren with backup battery.

To be fixed in place inside the engine compartment, making sure that it is positioned so as to face in the direction indicated.





9.3 - Siren without backup battery.

To be fixed in place inside the engine compartment, making sure it is fastened with the screws provided for this purpose to a metal surface that allows the heat from the magnet to disperse.

9.4 - Ultrasonic volumetric sensor (if foreseen G100-G300).

The sensor heads can be installed on the upper part of the front windshield or back window side-columns, making sure that they are not covered when the sun-shield flaps are lowered. Check that the heads are correctly oriented when you perform the functional test on the system. The type of sensor used in this alarm system does not require any adjustment. It is suitable for vehicles of all types regardless of the dimensions of their

passenger compartment.

9.5 - Bonnet button (G100 - G300).

The installation of this button is indispensable to allow access to the alarm programming and radiocontrol self - learning procedures.
When installation is completed, check that the button is pressed by the bonnet to the extent of at least 5 mm. Check that the button does not press on the sound-absorbing panels or the outer bodywork plate-metal, as these materials could beome dented with the passing of time.

9.6 - Antenna (G100 - G300).

The correct positioning of the antenna is essential for the proper operation of the radiocontrol/Driver Card system. The cable must not be cut, rolled up, or connected to another cable or to the bodywork and must be kept separate from the wiring harness. Position the antenna so that it is at least 20 mm away from metal parts.

9.7 - Emergency Panel.

To be installed on the dashboard in a position that also ensures that the button can be reached and the LED can be seen by the user, as in addition to its deterrent function the panel (LED + button) is used during programming operations and in the user recognition.

10 - VEHICLE SPEED SENSOR CONNECTION - VSS (G100 - G300).

The VSS signal frequency is proportional to the speed of the vehicle (it is normally a rectangular signal with f max = 4 KHz).
If the activated function requires it, the VSS signal must be connected to the PINK - BLACK wire of the alarm. In some vehicles, the signal must be taken straight from the combined instrument. The signal must not be taken from the ABS control system or from control circuits as this could impair the vehicle's safety and the way it operates.

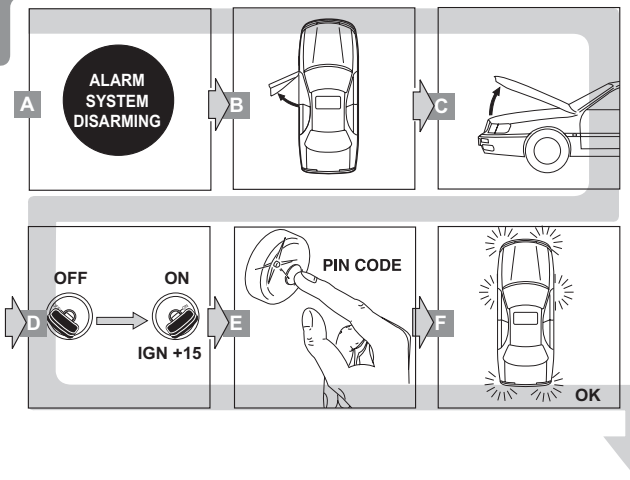
11 - AUXILIARY OUTPUT AUX2.

It is the dedicated output for the "Pager" module connection and for the followings functions:

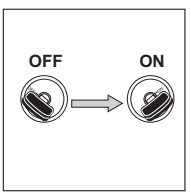
- Pager.
- Trunk Release.
- Windows lift closing.
- Automatic doors looking (AMERICAN STYLE).

G300

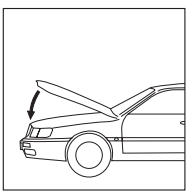
HOW TO START PROGRAMMING



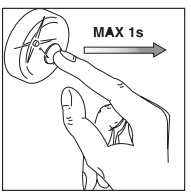
HOW TO CHANGE TABLE



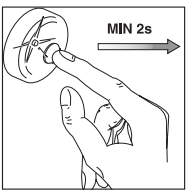
HOW TO GO OUT



HOW TO CHANGE LINE



HOW TO ACTIVATE/DEACTIVATE A FUNCTION



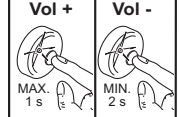
14.2 - Programming pages available for the G300 version.

G300

BUZZER TABLE

BUZZER VOLUME

PAGE 2



BASIC FUNCTIONS TABLE

Long Flashing

Short Flashing

PAGE 3

1 NOT USED		
2 NOT USED		
3 NOT USED		
4 DEFINES PERIMETRIC CONNECTION *	ENABLE	DISABLE
5 NOT USED		
6 DOORS BUTTON POLARITY #	ENABLE	DISABLE
7 PULL UP FOR READING NEGATIVE INPUT	ENABLE	DISABLE
8 LONG BLINKING AFTER SIREN	ENABLE	DISABLE

FACTORY PROGRAMMING

* PERIMETRIC CONNECTION	SELECT 1	SELECT 2
ROOF LIGHT		DISABLE
DOOR BUTTON	ENABLE	

# DOORS BUTTON POLARITY	SELECT 1	SELECT 2
NEGATIVE	ENABLE	DISABLE
POSITIVE	ENABLE	DISABLE

BASIC FUNCTIONS TABLE

PAGE 4

1 AUTOMATIC SYSTEM ARMING	ENABLE	DISABLE
2 AUTOMATIC ENGINE CUT-OFF	ENABLE	DISABLE
3 ENGINE CUT-OFF ALARM	ENABLE	DISABLE
4 ANTI-DIVERSION BLOCK	ENABLE	DISABLE
5 ANTI- DIVERSION ALARM	ENABLE	DISABLE
6 NOT USED		
7 OPEN DOOR SIGNALLING AT ARMING	ENABLE	DISABLE
8 BLINKER SIGNALLING IN ARMING AND DISARMING PHASES		DISABLE

ADVANCED FUNCTIONS TABLE

Long Flashing

Short Flashing

PAGE 5

1 BUZZER ENABLE/DISABLE	ENABLE	DISABLE
2 NOT USED	ENABLE	DISABLE
3 NUMBER OF ALARM CYCLES	ENABLE	DISABLE
4 AUTOMATIC ANTI-ROBBERY	ENABLE	DISABLE
5 MANUAL ANTI-ROBBERY	ENABLE	DISABLE
6 NOT USED		
7 AUTOHAZARD	ENABLE	DISABLE
8 EXCESSIVE SPEED SIGNALLING	ENABLE	DISABLE

PAGE 6

1 COBRA BUS PRESENCE		ENABLE	DISABLE
2 HORN:	DISABLE = FIXED ENABLE = ALTERNATE	ENABLE	DISABLE
3 SIREN OUTPUT TYPE:	DISABLE= LOUDSPEAKER ENABLE=HORN	ENABLE	DISABLE
4 PAGER ✦		ENABLE	DISABLE
5 TIME ALARM ENABLED		ENABLE	DISABLE
6 NOT USED			
7 WINDOWS OUTPUT ON AUX2		ENABLE	DISABLE
8 WINDOWS OUTPUT DELAY		ENABLE	DISABLE

✦Enabled : PAGER COMMAND = ALARM TIME 30".

FACTORY PROGRAMMING

ADVANCED FUNCTIONS TABLE

Long Flashing

Short Flashing

PAGE 7

1 COBRA BUS SIREN	ENABLE	DISABLE
2 EXTERNAL MODULE VIA COBRA BUS	ENABLE	DISABLE
3 ENGINE CUT-OFF VIA COBRA BUS	ENABLE	DISABLE
4 NOT USED		
5 NOT USED		
6 ICD 31 VIA COBRA BUS	ENABLE	DISABLE
7 NOT USED		
8 NOT USED		

FACTORY PROGRAMMING

THE TABLE 6 DATA CAN BE UTILISED ONLY IN THE CASE OF FAULTY OPERATION OF AN ACCESSORY CONNECTED TO THE COBRA BUS, AND IT WILL THUS BE POSSIBLE TO DEACTIVATE IT. THE CONNECTION OF THE MODULES TO THE COBRA BUS DOES NOT HAVE TO BE ACTIVATED, AS THE COBRA BUS SELF-LEARNS THE ACCESSORIES THAT ARE CONNECTED.

15 - HOW TO PROGRAMME THE SYSTEM.

G100

15.1 - Programmation.

To access the programming function, the system must be disarmed, the door and bonnet must be open and the ignition must be turned on (+15 present). Press radiocontrol button “A” and keep it pressed down; if all the necessary conditions are present the LED on the control panel will light up and after about 3 s the system will respond by flashing the direction arrows to indicate that you have entered the programming function and are in the buzzer table (buzzer volume adjustment).
Press radiocontrol button “A” to raise the buzzer volume, press radiocontrol button “B” to lower it.
To move to next table turn the panel button to position OFF and then ON. The system always confirms the change of table by the flashing of the indicator lights: the number of flashes corresponds to the number of the relative table. This signal will be emitted about every 10 s to remind you of the number of the page where you are positioned.

15.2 - How to enable/disable a (G100) function.

After accessing one of the tables, press radiocontrol button “A” and position yourself on the line number corresponding to the function you want to enable/disable. Fast flashing indicates that the function is deactivated, whilst slow flashing indicates that it is active.
The number of flashes will be the same as that of the line in the functions table that you have selected. To enable/disable a function, press radiocontrol button “B”.
Several functions on the same page can be enabled at the same time. Enabling one function does not automatically disable the others.

When you have finished, close the vehicle’s bonnet and the system will signal by flashing the direction arrows for 3 s that you have exited the programming procedure.
Beside the tables, in which you will find the programmable functions subdivided into buzzer, basic and advanced, the programming procedure is shown in diagram form; this will be useful as a quick reminder when carrying out the various phases.

G300

15.3 - Programmation.

To access the programming function, the system must be disarmed, the door and bonnet must be open and the ignition must be turned on (+15 present). Key in the PIN code, if all the necessary conditions are present the LED on the control panel will light up and after about 3 s the system will respond by flashing the direction arrows twice to indicate that you have entered the programming function and are in the buzzer table (buzzer volume adjustment). To lower the buzzer volume, push the button on the control pannel, giving it a series of slow presses. At each press, you will hear the buzzer volume decrease. To raise the volume, make the series of presses by pushing the button fast. At each press you will hear the buzzer volume increase.

To proceed onwards to the next table, turn the ignition key to OFF position then to ON. The system will respond with three flashes of the arrows to indicate that you are in the basic functions table; this signal will be emitted about every 10 s to remind you of the number of the table in which you are located.The system will again confirm the change of table by flashing the direction indicators. To move to next table turn the panel button to position OFF and then ON. The system always confirms the change of table by the flashing of the indicator lights: the number of flashes corresponds to the number of the relative table.

15.4 - How to enable / disable a G300 function.

After accessing the basic or advanced functions table, quick-press the control panel button and place yourself on the line number corresponding to the function you want to enable / disable. Short flashes will indicated that the function is disabled, slow flashes that it is enabled. The number of flashes will be the same as that of the line in the functions table that you have selected. To enable / disable a function, keep the button on the control panel pressed down until the frequency of the LED flashes change. Several functions on the same page can be enabled at the same time. Enabling one function does not automatically disable the others.

When you have finished, close the vehicle's bonnet and the system will signal by flashing the direction arrows for 3 s that you have exited the programming procedure. Beside the tables, in which you will find the programmable functions subdivided into buzzer, basic and advanced, the programming procedure is shown in diagram form; this will be useful as a quick reminder when carrying out the various phases.

16 - PROCEDURE FOR ADDING NEW RADIOCONTROL DEVICES (G100) AND NEW DRIVER CARDS (G300).

G100

16.1 - Procedure for adding new radiocontrol devices (self-learning).

If the radiocontrol devices are lost or are not operating properly, it is possible to replace them but only under secure conditions as this operation is only allowed in particular circumstances. If you still possess at least one of the radiocontrol devices and it is operating correctly, proceed as follows:

1. Disarm the system.
2. Open a door and the bonnet.
3. Turn on the ignition.
4. Keep button "A" on the radiocontrol device pressed down until the direction indicators flash.
5. Key in the PIN code.
6. The system will confirm that you have accessed the self - learning procedure by other 5 flashes of the direction indicators and by lighting up the system LED with a steady light.
7. Press key "A" on the radiocontrol, checking that the radiocontrol LED flashes and that the LED on the emergency panel stops shining for approximately 1 s; the direction indicators will also give a short flash to confirm that the radiocontrol device has been recorded in the system's memory.
8. Repeat step 7 for all the radiocontrol devices that you want to enable (the

radiocontrol device that was already operating must also be re-memorized by the system).

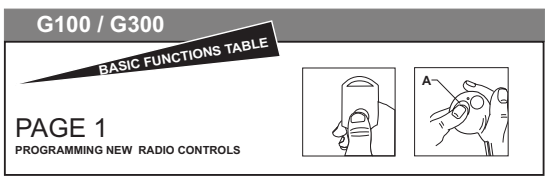
9. If no operation is performed for over 30 s the system automatically exits the self-learning mode and signals that it has exited the procedure with a long flash of the direction indicators.
10. To exit the procedure voluntarily, it is necessary to close the bonnet. This operation can be performed at any time.

G300

16.2 - Procedure for adding new Driver Cards (self-learning).

If a Driver Card is lost or is not operating properly, it is possible to replace it but only under secure conditions as this operation is only allowed in particular circumstances. Proceed as follows:

1. Disarm the system.
2. Open a door and the bonnet.
3. Turn on the ignition.
4. Key in the PIN code.
5. The system will confirm that you have accessed the self-learning procedure by another flash of the direction indicators and by lighting up the system LED.
6. Key in the PIN code.
7. The system will confirm that you have accessed the self-learning procedure by other 5 flashes of the direction indicators and by lighting up the system LED with a steady light.
8. Press the key on the Driver Card, checking that the Driver Card LED flashes and that the LED on the emergency panel stops shining for approximately 1 s; the direction indicators will also give a short flash to confirm that the Driver Card has been memorized.
9. Repeat step 8 for every Driver Card you want to enable (the Driver Card that was already operating must also be re-memorized).
10. If no operation is performed for over 30 s the system automatically exits the self-learning mode and signals that it has exited the procedure with a long flash of the direction indicators.
11. To exit the procedure voluntarily, it is necessary to close the bonnet. This operation can be performed at any time.



16.3 - Switching on / Switching off of Driver Card .

It is absolutely compulsory to switch OFF the Driver Card, as this is a radio device, when you board on the plane.The same solution can be applied if the Driver Card is not used for a long period of time (in this way you avoid the useless battery consume).

To switch ON again the Driver Card do the following:

- shortly push the button on the Driver Card, until that the LED flashes every 3 s.

Instead, to switch OFF the Driver Card do the following:

- keep the button pushed for a time approximately of 9 s.; during this time the LED of the Driver Card will remain ON.

After these 9 s. the LED and the Driver Card will be switch OFF.

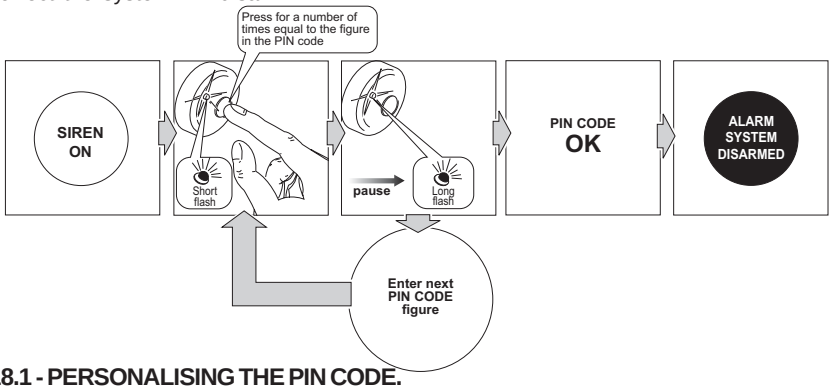
17 - ALARM RECORD.

When it is being disarmed, the system reports if there has been an alarm by four acoustic and visual signals emitted by the direction indicators and buzzer. Pay attention to the LED signals that remain available until the next time the system is armed or until the ignition is turned on. The signals (number of flashes) identify the cause of the alarm.

LED SIGNALS	CAUSE OF THE ALARM
1 flash	doors/boot opened
2 flashes	ultrasonic volumetric sensor triggered
3 flashes	bonnet opened
4 flashes	start -up attempts (ignition key)
5 flashes	4310 siren disconnected
6 flashes	outside module disconnected
7 flashes	speed input sensor I addiotional sensors triggered
8 flashes	satellite anti- theft disconnected
9 flashes	not used
10 flashes	Driver Card battery flat

18 - EMERGENCY.

To disarm the system without using the radiocontrol device, proceed as follows:
press the button on the emergency panel for a number of times equal to the first figure of your PIN code. For each press on the key, the LED will give a fast flash. A longer pause will be interpreted by the system as meaning that you have finished entering a figure, which will be signalled by the LED with a long flash. Proceed to enter all the other figures in the code in the same manner. When all the figures have been entered, if thecode is correct the system will disarm.



18.1 - PERSONALISING THE PIN CODE.

Since the PIN CODE represents a means of access to the system, it must not be left unattended inside the vehicle. It could be used to disconnect the system or connect the remote controls or Driver Cards without authorisation. The PIN code may be easily changed as follows:

1 . Disconnect the system.
2 . Turn the control panel to position “panel on”.
3 . Open a door and the trunk and keep them open during programming.

G100 Press button “A” on the remote control until the indicator lights flash once to signal entry into programming mode.
G300 Enter the full Pin Code. Entry into programming mode is signalled with one flash of the indicator lights.

4. Enter the old PIN code; the confirmation is made by 5 flashes of the direction indicators.

- Press the button on the emergency panel a number of times corresponding to the first digit of the PIN code to be entered. The LED flashes fast every time the button is pressed.
- A longer pause is interpreted by the system as the end of entering the first digit, which is signalled by a long flash of the LED. Repeat this operation for all the other digits.

5 . Set the new PIN code:

- After entering the fourth digit switch off the panel.
- Repeat the entry of the new code.

If the system verifies the correspondence between the code entered and the one programmed, the code is stored; the storage is signalled by a 3 s flashing of the indicator lights and the LED. Close the door at any time to exit from the procedure; the old PIN code will remain stored in the system.

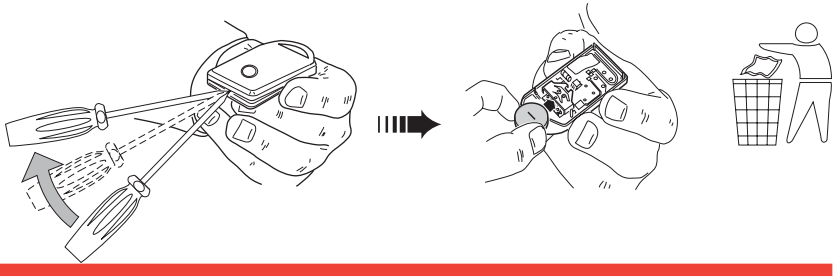
CAUTION!

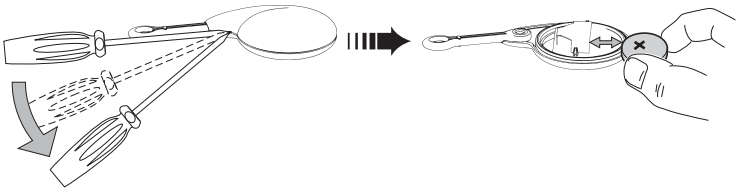
In the event of theft or loss of the PIN CODE CARD contact your supplier.

19 - REPLACE OF THE BATTERY.

19.1 - Flat battery in the radiocontrol device (G100) or Driver Card (G300).
If when one of the radiocontrol buttons is pressed the LED flashes for a short time or in an irregular way this means that the battery is low. For a Driver Card, the flat battery signal consists of 10 flashes of the LED installed in the vehicle.
If the system does not disarm in the presence of the Driver Card, press the button on the dirver card. How to replace the battery.

1. To change the battery, open the radio control / Driver Card shell, being careful to lever it up at the point the area indicated in the drawing.
2. Remove the battery by extracting it in the manner shown.
3. Wait approximately 10 s.
4. Insert the new battery, taking care to make sure your fingers touch it only on the sides. Make sure its polarity is correct, as indicated in the diagram.
5. Close the shell and press radiocontrol button “A” or the Driver Card button, checking that the system responds correctly. Perform the test near the vehicle.
6. Dispose of the empty battery in an appropriate disposal-bin.
7. In the event of loss of both the remote controls or the Driver Cards an emergency disarming may still be performed. Reference should be made to the disarming/ emergency procedure (page 72).





19.2 - Trouble shooting.

THE RADIO CONTROL DEVICE DOES NOT ARM/DISARM THE SYSTEM (G100 - G300)	
Solution A	the battery my be flat (page 73).
Solution B	Perform the emergency procedure to disarm the system (page 72) then contact your dealer/installer.
AN ALARM HAS OCCURRED FOR NO GOOD REASON (G100 - G300)	
Solution A	If the alarm was triggered off by the ultrasonic volumetric sensor, check that windows, sun-roof and air vents are closed and that there were no moving objects inside the vehicle. If the problem recurs, contact your dealer/installer.
Solution B	If the alarm concerned the opening of doors/bonnet/boot, one of the buttons probably needs to be adjusted. Contact your dealer/installer.

20 - SYSTEM'S TECHNICAL CHARACTERISTICS AND GUARANTEE.

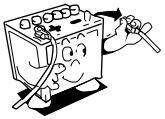
TECHNICAL CHARACTERISTICS OF THE SYSTEM	
Rated power input voltage	12 VDC
Operating voltage	9 / 16 VDC
Consumption for standard configuration (alarm with ultrasonoc sensors, engine cut-off and LED 12 VDC) - disarmed - armed	 < 13 mA < 15 mA
Central operating temperature Siren operating temperature	- 40 / +85 °C - 40 / +105 °C
Acoustic power - siren - loudspeaker	 > 118 dB(A) a 1 m > 115 dB(A) a 1 m

EUROPEAN DIRECTIVES

- Commission Directive 95/56/CE of 8th November 1995
- Commission Directive 2006/28/EC of 6th March 2006
- Commission Directive 89/336/CEE of 3rd May 1989

WARNING!

This product is configurated to meet the requirements of the European Directive for alarm systems. Utilisation of the buzzer function is allowed only for markets outside the European Community only. Activating this function invalidates the EC Declaration of Conformity.



ATTENZIONE !

Prima di iniziare l'installazione, scollegare il cavo negativo dalla batteria e ricollegarlo solo ad installazione ultimata. Questo sistema è compatibile con i veicoli a motore che abbiano batteria a 12V con negativo a massa.

WARNING!

Before starting to install the system, disconnect the negative lead from the battery and do not reconnect it until installation is completed**.** This system is compatible with motor vehicles that have a 12 V battery with earthed negative lead.

I **CONDIZIONI DI GARANZIA**

Il prodotto é coperto da garanzia di 24 mesi a partire dalla data di acquisto certificata dallo scontrino di cassa o da un fattura. La garanzia non si applica se il prodotto risulta danneggiato da installazione non corretta, danni dovuti a caduta o trasporto, a negligenza e comunque a cause non imputabili a difetti di fabbricazione. In caso di errata installazione del sistema, il costruttore non darà alcun indennizzo per danni - di qualunque natura e diretti od indiretti - verso persone o cose. Per beneficiare della garanzia, bisogna rivolgersi al venditore autorizzato con la prova di acquisto che riporti la relativa data.

GB **WARRANTY CONDITIONS**

This product is guaranteed for 24 months from the date of purchase, validated by receipt or invoice.The warranty will be null and void if the product displays signs of tampering, incorrect installation, damage caused by falling or transport, negligence and anything else not imputable to manufacturing defects. If the system operates incorrectly, the manufacturer shall not be liable for injury of any kind, direct or indirect, to persons or damage to things. Refer any matters relating to this warranty to your authorized retailer together with adequate documentation showing date of purchase.

TOGLIERE LA PARTE CENTRALE CONTENENTE GLI SCHEMI ELETTRICI DI MONTAGGIO
ENLEVER LA PARTIE CENTRALE CONTENANT LES SCHEMAS ELECTRIQUES DE MONTAGE
PULL OUT THE CENTRAL SECTION WITH THE INSTALLATION CIRCUIT DIAGRAMS
QUITAR LA PARTE CENTRAL QUE CONTIENE LOS ESQUEMAS ELECTRICOS DE MONTAJE

LEGENDA COLORI / LEGENDA OF COLOURS.

	Y	V	N	M	W	G	R	B	T	O	P
(I)	giallo	verde	nero	marrone	bianco	grigio	rosso	blu	viola	arancio	rosa
(GB)	yellow	green	black	brown	white	grey	red	blue	violet	orange	pink
(F)	jaune	vert	noir	marron	blanc	gris	rouge	bleu	violet	orange	rose
(E)	amarillo	verde	negro	marrón	blanco	gris	rojo	azul	violeta	anaranjado	rosa
(P)	amarelo	verde	preto	castahno	branco	cinzento	vermelho	azul	violeta	olaranja	rosa
(GR)	ΚΙΤΡΙΝΟ	ΠΡΑΣΙΝΟ	ΜΑΥΡΟ	Καφέ	ΛΕΥΚΟ	ΓΚΡΙ	ΚΟΚΚΙΝΟ	ΜΠΛΕ	ΜΟΒ	ΠΟΡΤΟΚΑΛΙ	ΡΟΖ
(CZ)	žlutý	zelený	černý	hnědý	bílý	šedo	červený	modrý	fialový	oranžový	růžový
(S)	gul	grön	svart	brun	vit	grå	röd	blå	lila	orange	rosa
(N)	gul	grønn	svart	brun	hvit	grå	rød	blå	fiolett	oransje	rosa
(DK)	gul	grøn	sort	brun	hvid	grå	rød	blå	violet	orange	lyserød

"**O**" = INGRESSO DI LETTURA DEI SEGNALI AUTO (MOTORI E MICRO PORTA), LA CUI POLARITÀ È SELEZIONABILE MEDIANTE FILO DEDICATO "**T - O**".
"**O**" = CAR SIGNALS READING INPUT (ENGINE AND MICRO DOOR); ITS POLARITY IS SELECTABLE BY DEDICATED WIRE "**T - O**".

"**T**" = INGRESSO DI LETTURA DEI SEGNALI AUTO (MOTORI E MICRO PORTA), LA CUI POLARITÀ È SELEZIONABILE MEDIANTE FILO DEDICATO "**T - O**".
"**T**" = CAR SIGNALS READING INPUT (ENGINE AND MICRO DOOR); ITS POLARITY IS SELECTABLE BY DEDICATED WIRE "**T - O**".

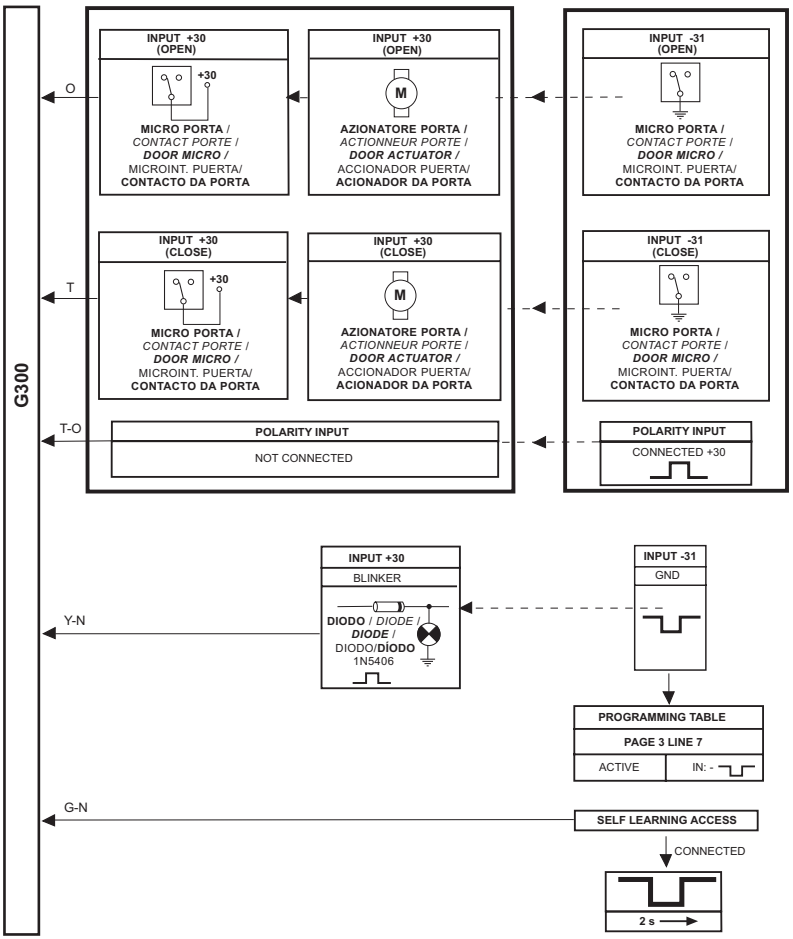
"**T - O**" = INGRESSO DI POLARITÀ PER DETERMINARE IL TIPO DI SEGNALE POSITIVO O NEGATIVO.
"**T - O**" = POLARITY INPUT TO DEFINE THE POSITIVE OR NEGATIVE SIGNAL.

"**Y - N**" = INGRESSO DI LETTURA DEI SEGNALI AUTO (BLINKER, MOTORI O DEVIATORI) CON POLARITÀ SELEZIONABILE DA PAGINA DI PROGRAMMAZIONE.
"**Y - N**" = CAR SIGNALS READING INPUT (BLINKER, MOTOR OR SWITCHES); SELECTABLE POLARITY BY PROGRAMMATION PAGE.

"**G - N**" = INGRESSO PER L'AUTOAPPRENDIMENTO DEI SEGNALI DA ACQUISIRE.
"**G - N**" = SELF LEARNING INPUT OF THE SIGNALS TO LEARN.

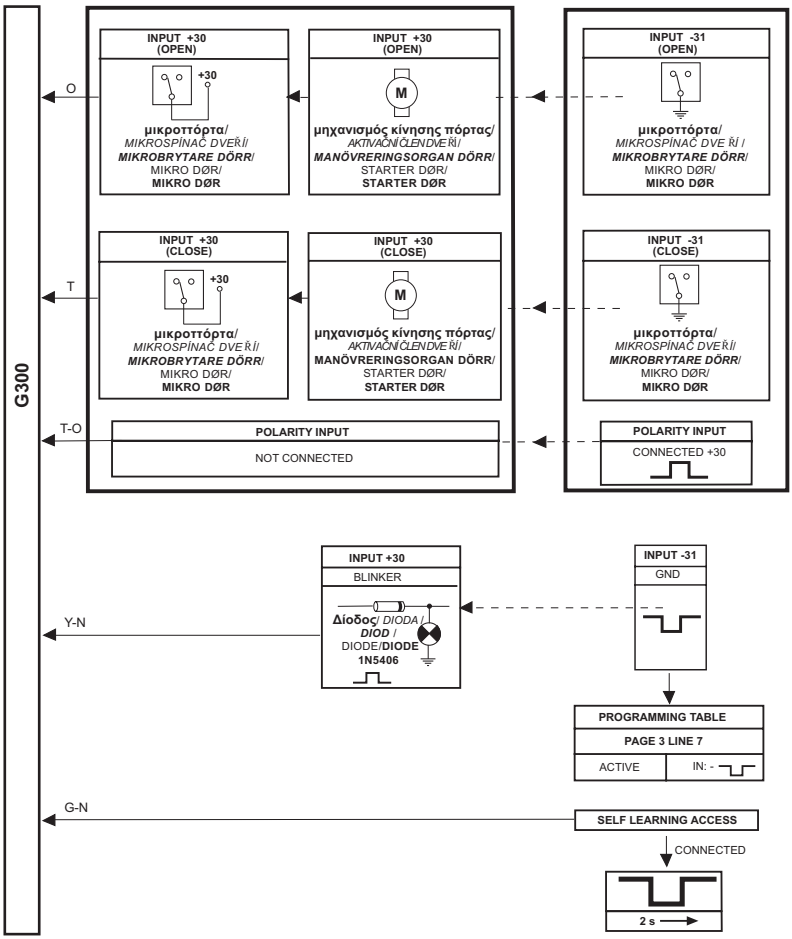
I GB E E P

SCHEMA A BLOCCHI AUTOAPPRENDIMENTO G300.
G300 SELF LEARNING BLOCK DIAGRAM.



GR CZ SV N DK

SCHEMA A BLOCCHI AUTOAPPRENDIMENTO G300.
G300 SELF LEARNING BLOCK DIAGRAM.

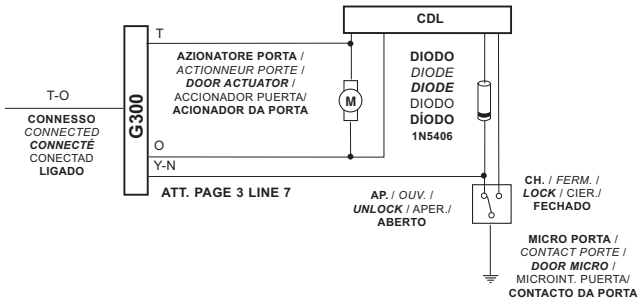


I GB F E P

SCHEMA A BLOCCHI AUTOAPPRENDIMENTO G300.
G300 SELF LEARNING BLOCK DIAGRAM.

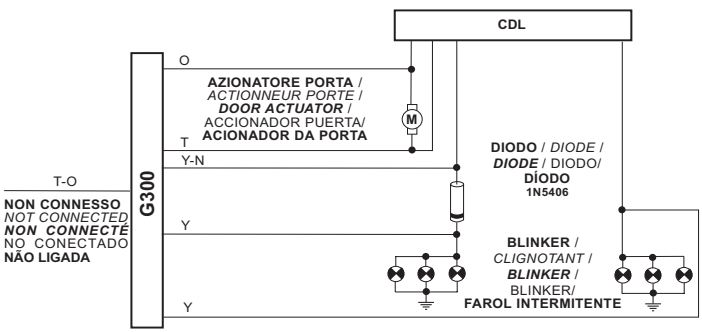
Esempio di collegamento per macchine senza segnalazione delle frecce in apertura e in chiusura.
Example of connection for vehicles without flashing of the indicator lights upon opening and closing.

1



Esempio di collegamento per macchine con segnalazione delle frecce in apertura e in chiusura.
Example of connection for vehicles with flashing of the indicator lights upon opening and closing.

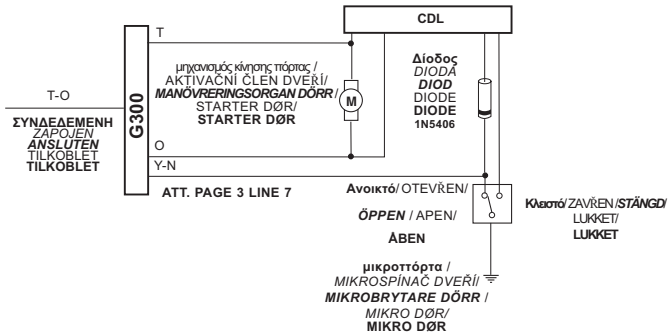
2



SCHEMI DI AUTOAPPRENDIMENTO G300.
G300 SELF LEARNING DIAGRAM.

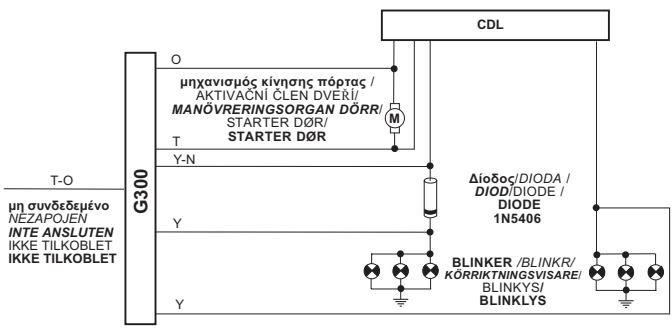
Esempio di collegamento per macchine senza segnalazione delle frecce in apertura e in chiusura.
Example of connection for vehicles without flashing of the indicator lights upon opening and closing.

1



Esempio di collegamento per macchine con segnalazione delle frecce in apertura e in chiusura.
Example of connection for vehicles with flashing of the indicator lights upon opening and closing.

2

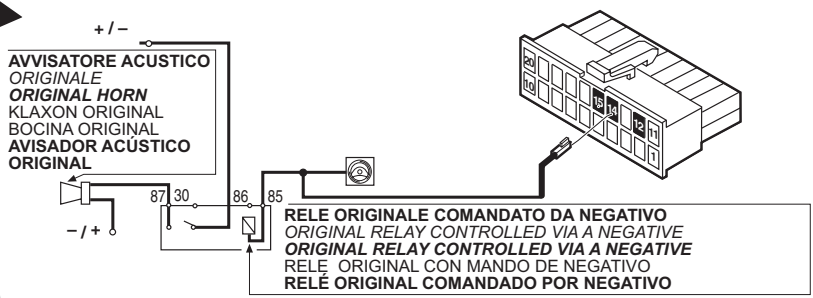


ATTENZIONE! (G300).
COLLEGAMENTO PERIMETRIA.
Se viene effettuato il collegamento del filo BLU-ROSA per la perimetria ai pulsanti porta, attivare la riga 4 pagina 3 delle tabelle di programmazione.

WARNING! (G300).
PERIMETRY CONNECTION TO THE COURTESY LIGHT.
If the wire (BLUE-PINK) for the perimetry is connected to the courtesy light, disable line 4 page 3 of the programming table.

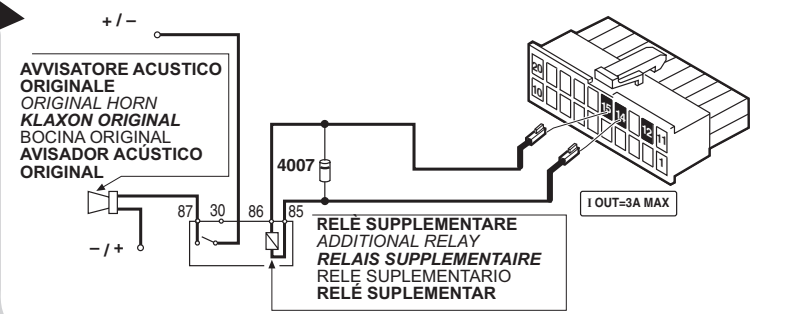
COLLEGAMENTO DELL'AVVISATORE ACUSTICO ORIGINALE E SIRENA SUPPLEMENTARE
CONNEXION DU KLAXON ORIGINAL ET DE LA SIRENE SUPPLEMENTAIRE
ORIGINAL HORN AND ADDITIONAL SIREN CONNECTION
CONEXION DE LA BOCINA ORIGINAL Y SIRENA SUPLEMENTARIA
LIGAÇÃO DO AVISADOR ACÚSTICO ORIGINAL E SIRENA SUPLEMENTAR

C



COLLEGAMENTO DELL'AVISATORE ACUSTICO A COMANDO DIRETTO PER SISTEMI SENZA SIRENA
CONNEXION DU KLAXON A COMMANDE DIRECTE POUR LES SYSTEMES SANS SIRENE
ORIGINAL HORN CONNECTION FOR SYSTEMS WITHOUT SIREN
CONEXION DE LA BOCINA DE MANDO DIRECTO PARA LOS SISTEMAS SIN SIRENA
LIGAÇÃO DO AVISADOR ACÚSTICO ORIGINAL DE COMANDO DIRECTO PARA SISTEMAS SEM SIRENA

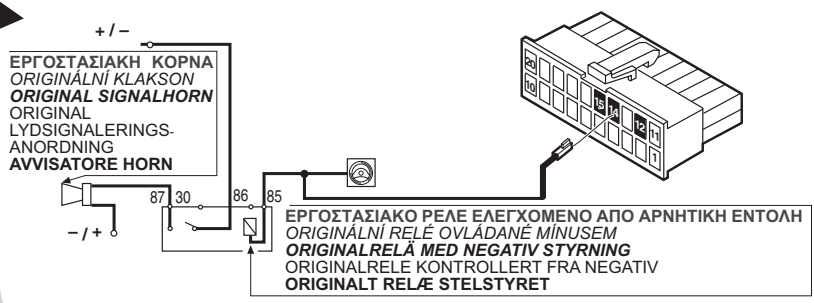
D



COLLEGAMENTO DELL'AVVISATORE ACUSTICO CON RELÉ SUPPLEMENTARE
HORN CONNECTION USING AN ADDITIONAL RELAY
CONNEXION DU KLAXON AVEC RELAIS SUPPLEMENTAIRE
CONEXION DE LA BOCINA CON RELE SUPLEMENTARIO
CONEXION DE LA BOCINA CON RELE SUPLEMENTARIO

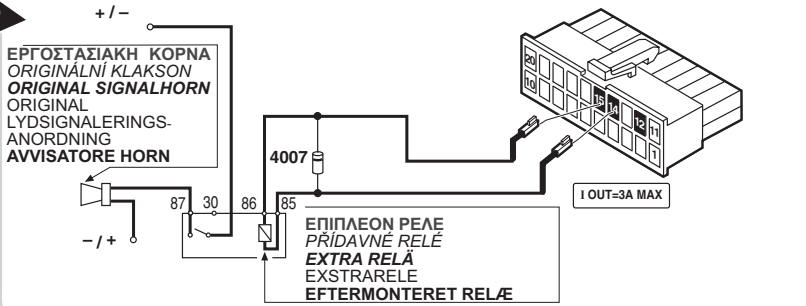
ΣΥΝΔΕΣΜΟΛΟΓΙΑ ΚΟΡΝΑΣ ΟΧΗΜΑΤΟΣ
PŘIPOJENÍ KLAKSONU PRO MODELY BEZ ORIGINÁLNÍ SIRÉNY
ANSLUTNING AV ORIGINALHORN OCH EXTRA SIREN
TILKOPLING ORIGINALT LYDSIGNALERINGSANORDNING OG EKSTRA LYDHORN
ORIGINAL HORN OG EFTERMONTERET SIRENE TILSLUTNING

C



ΣΥΝΔΕΣΜΟΛΟΓΙΑ ΚΟΡΝΑΣ ΟΧΗΜΑΤΟΣ ΓΙΑ ΣΥΣΤΗΜΑΤΑ ΣΥΝΑΓΕΡΜΟΥ ΧΩΡΙΣ ΣΕΙΡΗΝΑ
PŘIPOJENÍ ORIGINÁLNÍHO KLAKSONU PRO MODELY BEZ SIRÉNY
ANSLUTNING AV ORIGINALHORN TILL LARMSYSTEM UTAN SIREN
TILKOPLING AV LYDSIGNALERINGSANORDNING MED DIREKTE KONTROLL FOR SYSTEMER UTEN LYDHORN
ORIGINAL HORN FORBINDELSE FOR ALARMER UDEN SIRENE

D



ΣΥΝΔΕΣΜΟΛΟΓΙΑ ΚΟΡΝΑΣ ΟΧΗΜΑΤΟΣ ΧΡΗΣΙΜΟΠΟΙΩΝΤΑΣ ΕΠΙΠΛΕΟΝ ΡΕΛΕ
PŘIPOJENÍ KLAKSONU POMOCÍ PŘÍDAVNÉHO RELÉ
ANSLUTNING AV SIGNALHORN MED EXTRA RELÄ
TILKOPLING AV LYDSIGNALERINGSANORDNING MED EKSTRARELE
HORNFORBINDELSE GENNEM EFTERMONTERET RELÆ

LEGENDA / LEGENDA.

CHIUSURE CENTRALIZZATE
CENTRAL DOOR LOCKING
VERROUILLAGE CENTRALISE
CIERRE CENTRALIZADO
FECHAMENTO CENTRALIZADO
ΚΕΝΤΡΙΚΟΙ ΜΗΧΑΝΙΣΜΟΙ ΚΛΕΙΣΙΜΑΤΟΣ
CENTRÁLNÍ ZAMYKÁNÍ
CENTRALLÅS
SENTRALLÅS
CENTRALSTYRede LÅSE

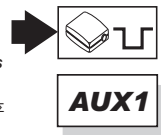
SEGNALE DI TACHIGRAFO
SPEEDOMETER SIGNAL
SIGNAL DE TACHYGRAPHE
SENAL DE TAQUIGRAFO
SINAL DE TAQUÍGRAFO
ΣΗΜΑ ΤΑΧΥΓΡΑΦΟΥ
SIGNÁL TACHOGRAFU
TAKOGRAFSIGNAL
SIGNAL FRA HASTIGHETSMÅLER
SPEEDOMETERSIGNAL

TESTINE SENSORE ULTRASUONI
ULTRASONIC SENSOR TRANSDUCERS
TETES DU DETECTEUR A ULTRASONS
CABEZALES SENSORES ULTRASONIDOS
CABEÇOTES DO SENSOR DE ULTRA-SONS
ΚΕΦΑΛΕΣ ΑΝΙΧΝΕΥΤΗ ΥΠΕΡΗΧΩΝ
HLAVY ULTRAZVUKOVÉHO SENZORU
ULTRALJUDSENSORHUVUDEN
HODER TIL ULTRALYDSENSOR
ULTRALYD FØLERHOVEDER

INGRESSO MODULI AGGIUNTIVI
ADDITIONAL MODULE INPUT
ENTREE MODULES ADDITIONNELS
ENTRADA MODULOS ADICIONALES
ENTRADA DOS MÓDULOS ADICIONAIS
ΕΙΣΟΔΟΣ ΠΡΟΣΘΕΤΩΝ ΥΠΟΜΟΝΑΔΩΝ
VSTUP PRO PŘÍDAVNÉ MODULY
INGÅNG TILLÄGGSMODULER
INNGANG TIL EKSTRA MODULER
INDGANG EKSTRA MODULER

CENTRALINA CONFORT
COMFORT UNIT
PANNEAU DE SECOURS
PANEL DE EMERGENCIA
PAINEL DE EMERGÊNCIA
ΠΙΝΑΚΑΣ ΑΝΑΓΚΗΣ
PANEL NOUZOVÉHO
STAVUNÖDPANEL
NÖDPANEL
NØD-INSTRUMENTBRÆT

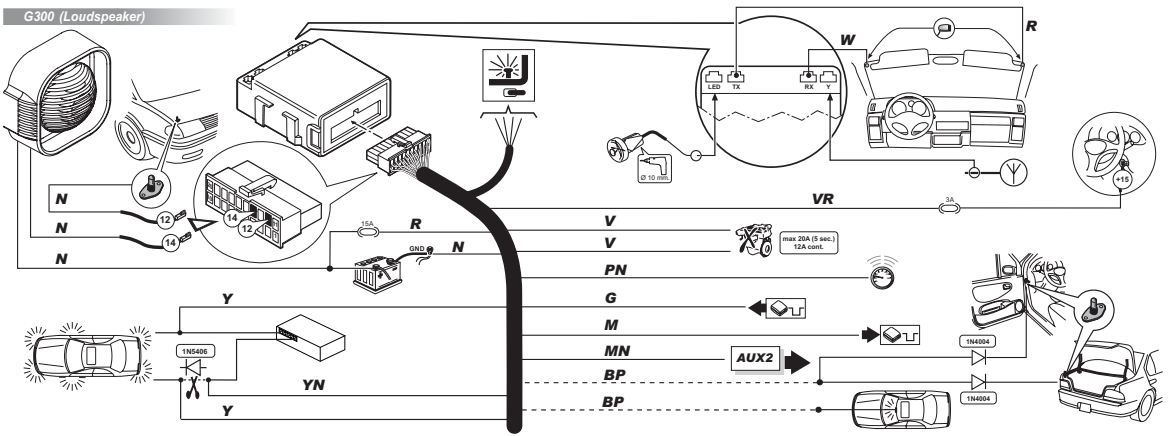
MODULI AGGIUNTIVI
ADDITIONAL MODULES
MODULES ADDITIONNELS
MODULOS ADICIONALES
MÓDULOS ADICIONAIS
ΠΡΟΣΘΕΤΕΣ ΥΠΟΜΟΝΑΔΕΣ
PŘÍDAVNÉ MODULY
TILLÄGGSMODULER
EKSTRA MODULER
EKSTRA MODULER



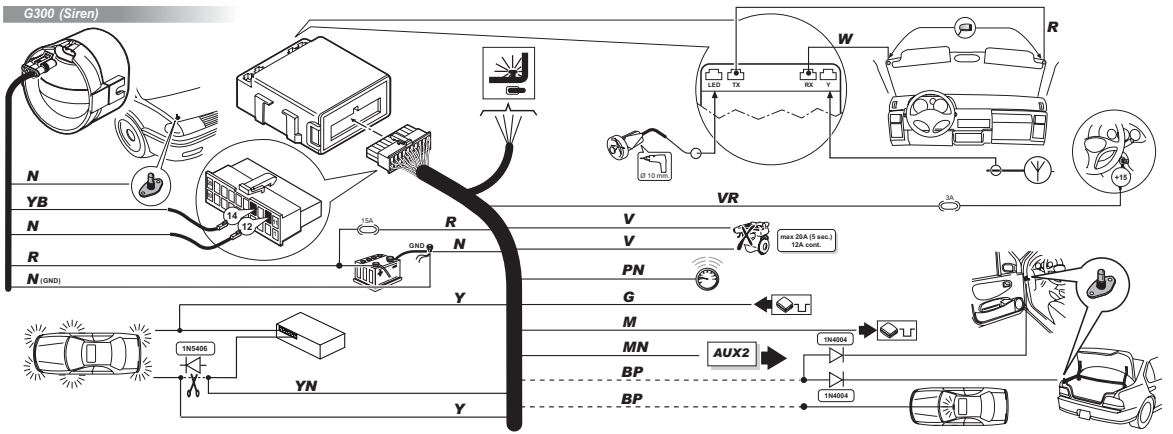
BLOCCO MOTORE
ENGINE CUT OFF
BLOCAGE MOTEUR
BLOQUEO MOTOR
BLOQUEIO DO MOTOR
ΜΠΛΟΚΟ ΜΗΧΑΝΗΣ
ZABLOKOVÁNÍ MOTORU
MOTORLÅS
MOTORLÅS
STANDSNING AF MOTOR

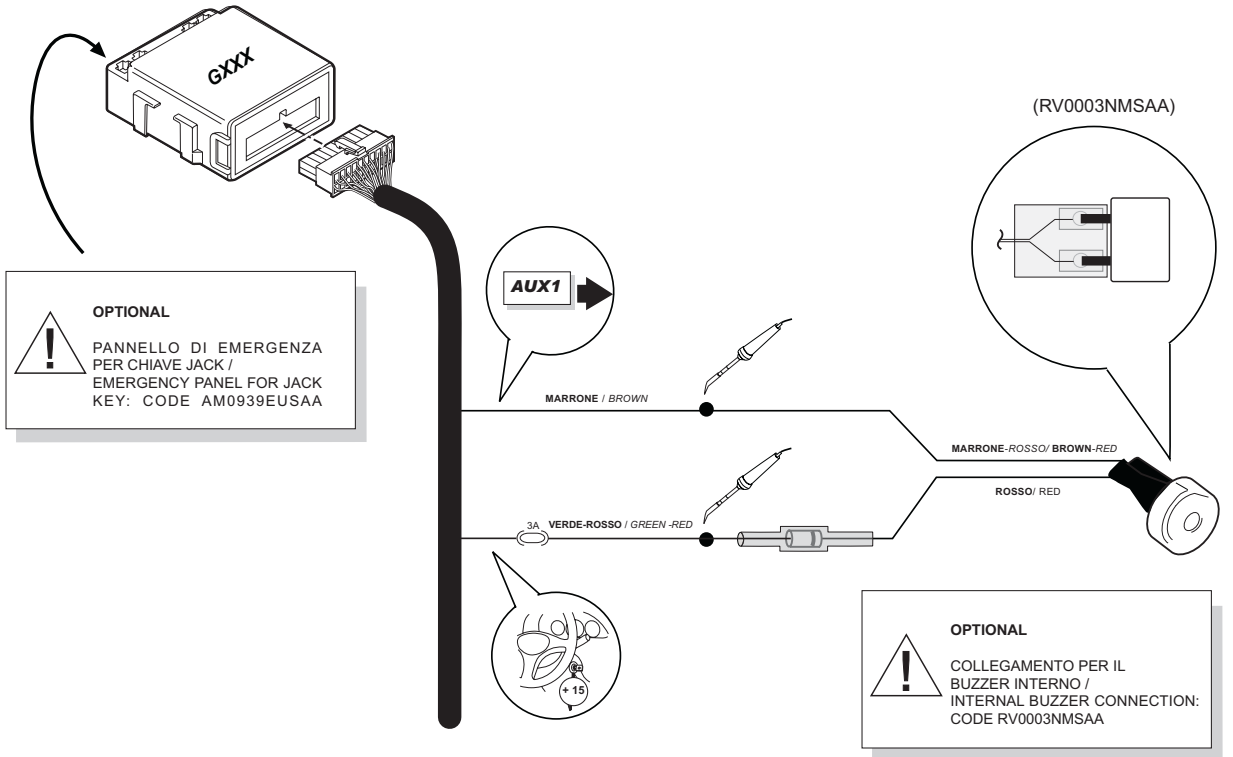
USCITA AUX2
AUX2 OUTPUT
AUX2 ***SORTIE***
AUX2 SORTIE
SAÍDA DO *AUX2*
ΕΞΟΔΟΣ *AUX2*
VÝSTUP *AUX2*
UTGÅNG *AUX2*
UTGANG TIL *AUX2*
AUX2 UDGANG

G300 (Loudspeaker)



G300 (Siren)


N
YB
N
R
N (GND)
14
12
15A
GND
R
N
Y
YN
Y
1N5406
W
R
LED
TX
RX
Y
Ø 10 mm
VR
3A
+15
V
V
PN
G
M
MN
BP
BP
AUX2
max 20A (5 sec.)
12A cont.
1N4004
1N4004


GXXX
AUX1
MARRONE / BROWN
3A
VERDE-ROSSO / GREEN -RED
+ 15
(RV0003NMSAA)
MARRONE-ROSSO/ BROWN-RED
ROSSO/ RED
OPTIONAL
PANNELLO DI EMERGENZA PER CHIAVE JACK /
EMERGENCY PANEL FOR JACK KEY: CODE AM0939EUSAA
OPTIONAL
COLLEGAMENTO PER IL BUZZER INTERNO /
INTERNAL BUZZER CONNECTION: CODE RV0003NMSAA

06DE2373B - 05 / 07

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