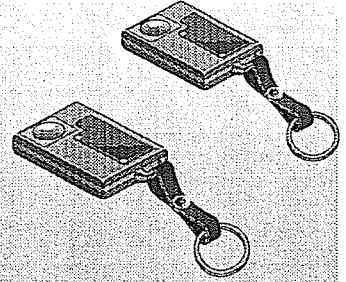
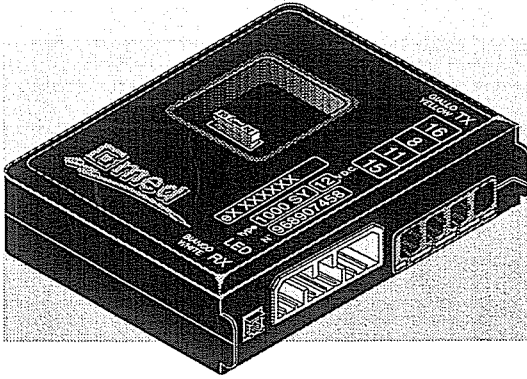


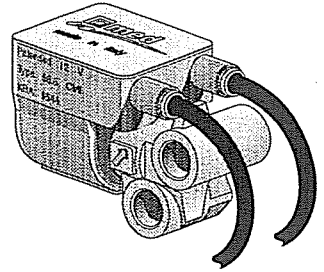


USING INSTRUCTION

med 1585 SY



**IMMOBILIZER SYSTEM WITH CENTRAL
LOCKING DRIVING REMOTE CONTROL**



1	System CONNECTION
2	System DISCONNECTION
3 / 4	Emergency DISCONNECTION
5	ALARM FUNCTIONS
6 / 7	AUTOMATIC CONNECTION of the IMMOBILIZER
8	med 1585 SY SYSTEM FEATURES
9 / 10	REMOTE CONTROLS - FLAT BATTERY

IMPORTANT

med 1585 SY is provided with 2 REMOTE CONTROLS and 1 PIN - CARD (it looks like a credit card) with its PERSONAL CODE which allows an EMERGENCY action by losing the REMOTE CONTROLS.

For SECURITY reasons, the LABEL on the CODE of the PIN - CARD must be integral.

**DO NOT LEAVE THE PIN - CARD INSIDE THE CAR
KEEP IT IN A SAFE PLACE
DO NOT SHOW YOUR PERSONAL CODE**

SYSTEM CONNECTION

To **CONNECT** the system: push the **REMOTE CONTROL** button when doors, bonnet and trunk are closed and dashboard key in the **OFF** position (board off).

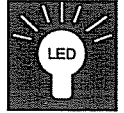
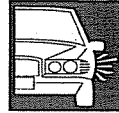
1 IMPULSE



CONFIRMATION

2 BRIEF SIGNALS

- **DIRECTION INDICATORS**
- **LED lamp**



IMPORTANT

1. The remote control is **IGNORED** when engine is running.
2. The **STATE of EMERGENCY** is activated by connecting the **SYSTEM** when **DOORS, BONNET or TRUNK** are opened.

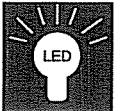
LOCKING OF THE VEHICLE'S DOORS



IMMOBILIZER CONNECTION



When the **SYSTEM** is **SET** the **LED lamp FLASHES**



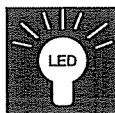
1 IMPULSE



SYSTEM DISCONNECTION

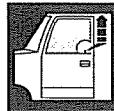
To DISCONNECT the system: push the REMOTE CONTROL button.

CONFIRMATION

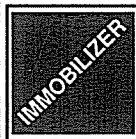


1 LONG SIGNAL

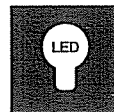
- DIRECTION INDICATORS
- LED lamps



UNLOCKING OF THE VEHICLE'S DOORS



IMMOBILIZER DISCONNECTION



When the SYSTEM is UNSET the LED lamp is OUT

IMPORTANT

It is possible to DISCONNECT the system by the REMOTE CONTROL with dashboard key in the ON position.

EMERGENCY DISCONNECTION

Failing the REMOTE CONTROL, the system can be disconnected and the engine can be started by the KEY, composing a specific SEQUENCE of ON - OFF positions as indicated on the PIN - CARD under label with the SERIAL NUMBER.

As indicated in the back of the **PIN - CARD**, the steps to be made are:

1. TAKE OFF THE **PIN - CARD** LABEL: A PERSONAL CODE WILL APPEAR (6 FIGURES).
 2. WAIT TILL THE (POSSIBLE) SIGNAL ALARM STOPS.
 3. INSERT THE IGNITION KEY IN THE DASHBOARD IN THE OFF POSITION.
 4. TURN IT: ON AND OFF WITHOUT STARTING THE STARTER, FOR SO MANY TIMES AS INDICATED BY THE 1ST FIGURE OF THE PERSONAL CODE (i.e. the number 3 means to turn for three times ON - OFF, ON - OFF, ON - OFF as a rapid sequence).
 5. WAIT FOR A SHORT CONFIRMATION FLASHING OF THE LED.
 6. REPEAT POINTS 4. AND 5. FOR THE REMAINING 5 FIGURES.
 7. IF THE OPERATION HAVE BEEN CARRIED OUT IN THE RIGHT WAY, THE CENTRAL UNIT WILL DISCONNECT THE SYSTEM.
- 3 THE ENGINE MUST BE STARTED WITHIN 10 MINUTES.

EMERGENCY DISCONNECTION

8. **IN CASE OF ENGINE STOP THE SYSTEM WILL BE DISCONNECTED FOR 10 MINUTES.**
FOR LONGER STAYS, THE SEQUENCE MUST BE REPEATED FROM POINT 2.
- IF THE OPERATION IS WRONG (SEQUENCE OF SHORT FLASHINGS) REPEAT FROM POINT 3., AS SOON AS THE SLOW FLASHING STARTS.
 - IF THE OPERATION HAS BEEN INTERRUPTED REPEAT FROM POINT 3., AS SOON AS THE SLOW FLASHING STARTS.

N.B. The mentioned PROCEDURE can be ENDLESS REPEATED. By using the PERSONAL CODE, the AUTOMATIC CONNECTION of THE IMMOBILIZER is AUTOMATIC with 10 minutes delay (see page 6).

By using the remote control, the AUTOMATIC CONNECTION of the IMMOBILIZER will be STANDARD.

- DO NOT LEAVE THE PIN - CARD INSIDE THE CAR
- KEEP IT IN A SAFE PLACE
- DO NOT SHOW YOUR PERSONAL CODE

ALARM FUNCTIONS

If CONNECTED by the REMOTE CONTROL, med 1585 SY system can indicate ALARM SITUATIONS by ACOUSTIC INDICATORS of the vehicle, LED and DIRECTION INDICATORS for:

OPENING of door, bonnet or trunk

(Intermittent cycle of 25 seconds, which can be disactivated by REMOTE CONTROL or EMERGENCY procedure)

- The ALARM cycle WILL NOT BE REPEATED if the door is opened.
- The ALARM cycle WILL BE REPEATED ONLY if the door is closed and opened after the termination of the alarm cycle.

DASHBOARD KEY in ON position for 2 seconds at least

(Intermittent cycle of 25 seconds, which can be disactivated by turning the key OFF)

- The ALARM cycle WILL NOT BE REPEATED if the dashboard key is in ON position.
- The ALARM cycle WILL BE REPEATED ONLY if the dashboard key is turned OFF and then in the ON position.

IMPORTANT:

- If an alarm occurs during an alarm cycle, the last one will be ignored.
- If the automatic connection of the immobilizer is activated, there are no alarm cycles but only the connection of the immobilizer and the optical signal for inserting of the dashboard key.

AUTOMATIC CONNECTION OF THE IMMÓBILIZER



By turning OFF the dashboard key it is possible to start the engine within 30 seconds. After this time the LED flashes and the immobilizer will connect automatically, as per the 95/56 CE directive: when, a door is opened or after 10 minutes (if the door is NOT OPENED).

With automatic immobilizer connected:

1. Turning the key ON, the DIRECTION INDICATORS will light (fixed light).
 - It is possible to start the engine by pushing the remote control button or following the EMERGENCY procedure (page 3.).
 - Trying to start the engine (if the system is connected), it will NOT start and the LED and the DIRECTION INDICATORS will light.
 - Turning the key OFF, the DIRECTION INDICATORS switch OFF and the LED starts flashing.
 - Trying again to start the engine (if the system is connected), it will NOT start.
- N.B.:** if the key is ON for more than 2 seconds the fixed LED will light and the DIRECTION and ACOUSTIC INDICATORS will connect intermittently.
- Turning the key OFF the DIRECTION and ACOUSTIC INDICATORS are disconnected and the LED is turned OFF for few seconds, and then starts flashing again.

To start the engine, push the REMOTE CONTROL button or follow the EMERGENCY procedure (see page 3).



AUTOMATIC CONNECTION OF THE IMMOBILIZER

2. The system will be connected by pushing the remote control button (without turning the key ON) (see page 1).

- The system is disconnected and the engine can be started by pushing again the REMOTE CONTROL button or following the EMERGENCY procedure (see page 3).

Following the EMERGENCY procedure (see page 3) the automatic IMMOBILIZER is connected with a 10 minutes delay from turning the key OFF.

- If the key is turned ON before 10 minutes the time counter is stopped.
- Turning the key in OFF position, the 10 minutes counter starts from the beginning.

By using the REMOTE CONTROL, the system working will be as standard.

med 1585 SY SYSTEM FEATURES

1. Central unit equipped with ROLLING - CODE remote controls (the code is different for each transmission) and ANTI-SCANNER to avoid any possible attempt of disconnection of the system by copying the code used or by sending in sequence every possible combination.
2. Equipped with PIN - CARD with PERSONAL CODE for EMERGENCY DISCONNECTION.
3. Managing the alarms by the ACOUSTIC INDICATORS of the vehicle, the DIRECTION INDICATORS and LED for starting attempts [+ 15] or for intrusion from the buttons of doors, bonnet or trunk (NA).

- CENTRAL UNIT

Power supply voltage : 12V D.C.
Current absorption : 7 mA
Temperature range : from - 40° C to + 85° C
Protection : IP 40 EN 60529

- REMOTE CONTROLS

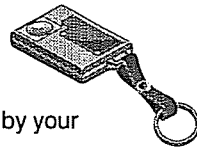
Temperature range : from - 20° C to + 80° C
Battery capacity : 35 mAh
Number of activations : 100.000 (normal conditions)
Frequency : 433.92 MHz
Protection : IP 67 EN 60529

- IMMOBILIZER

Power supply voltage : 12V D.C.
Current absorption : 0 mA : engine out
: 800 mA : running engine
Temperature range : from - 40° C to + 125° C
Protection : IP 54 EN 60529

REMOTE CONTROLS

The **med 1585 SY** central unit can manage up to 8 remote controls simultaneously.



2 of them are included in the package, the other 6 can be requested by your **SSANG YONG DISTRIBUTOR**.

Every remote control has its own specific **ROLLING - CODE** (the code changes for every transmission) and an **ANTI - SCANNER** function to avoid any possible disconnection of the system by sending in sequence the codes or by copying those already sent.

REMOTE CONTROLS MAINTENANCE

The **REMOTE CONTROLS** do not need any special maintenance as they are sealed. In case of breaking of the external case or flat of the internal battery the new copies can be requested by **SSANG YONG DISTRIBUTOR**.

The identification number is written on both the remote controls, on the central unit, on the removable label of the **PIN - CARD** and on the **IMMOBILIZER**, fixed on the injection pump inlet.

FLAT BATTERY

If the BATTERY of the vehicle is flat as the lights or other devices have been left on, the IMMOBILIZER is connected (provided that it has been connected before), where as the alarm system and the remote control can be disconnected.

The BATTERY has to be recharged or a second one has to be connected following the instructions for vehicle maintenance, the system has to be disconnected by the REMOTE CONTROL or by the emergency procedure and THEN the ENGINE CAN BE STARTED.



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