

DC-3... series
CAR SECURITY SYSTEM






OWNER'S MANUAL

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OPERATION INSTRUCTIONS

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FUNCTION	ARM	DISARM	SILENT ALARM MODE	Trunk Release	PANIC/ CAR SEARCH
PRESS				Disarm, press  for 3 seconds	

DESCRIPTION OF FUNCTIONS & FEATURES

A) SETTING THE ALARM

- (a) Siren will chirp once and lights flash once.
- (b) If equipped with central door lock, doors lock automatically.
- (c) Alarm is armed, the L.E.D blinks.




B) DISARM THE ALARM

- (a) Siren will chirp 2 times and lights flash 3 times.
- (b) Power door lock/unlock automatically.
- (c) Alarm is disarmed and returns to its normal status.


C) SILENT ALARM MODE

- (a) Lights flash once, but siren will not chirp.
- (b) If the alarm shock is triggered, lights will flash, but siren will not sound.
- (c) If the door is opened, the alarm will be activated after 25 seconds.


D) PANIC, CAR FINDING

- (a) Press  the button in normal arming mode, the siren will sound and lights will flash for 25 seconds. Press again to stop.
 - (b) Press the  button in silent arming mode, the siren will not sound and lights will flash for 25 seconds. Press again to stop.
 - (c) After the 25+/-5 seconds alarm cycle, the system will return to its previous status (armed or disarmed or silent alarm mode).
 - (d) Press the button  again to stop the status.
- This feature can also be used as a searching function to locate the vehicle in a large parking lot.




E) STOP SIREN TEMPORARILY

If alarm system is triggered, the siren will blare. By pressing  to stop the siren temporarily but the alarm system is still on arming mode.

F) CALL FOR EMERGENCY HELP

During disarming mode, press , the siren will keep sounding and parking lights will keep flashing for about 15 seconds for calling for emergency help. Press the button again to stop the above operation.

G) ANTI-HIJACKING (Option)

When driving, the key on ACC.ON position. Press , the parking lights will flash quickly(This is stand-by for anti-hijacking mode). And then pressing button  within 5 seconds, the system is into anti-hijacking mode, the lamps keep lighting. And the engine will be cut off and siren keep sounding, lamps flashing after 15 seconds. Press  to stop the function.

SPECIAL FEATURES



1. AUTO RE-ARM

If nobody enters the car in 20+/-5 seconds after the system is disarmed by pressing button, the door of the car will automatically be locked again and the system will come back to be on "ALERT" mode.

2. AUTO-ARM ALARM

When stop the car, the system will enter into the "ALERT" model automatically, the siren will chirp 6 times, but the door will not be locked (At this time, JP2 on the short circuit); when JP2 on the open circuit, the door will lock automatically.

3. AUTO CENTRAL LOCK

When driving, press  or  to lock or unlock the doors, but the alarm system will not be set work. Put the ignition "ON" position after closing the car doors in a proper way, after 15 seconds, step on the foot brake and the car doors will be locked automatically. Please note: The doors will not be locked automatically if the ignition key is not turned to the "ON" position or if the doors are not closed properly. The car doors will automatically be unlocked when the key is taken out of the ignition switch. It is convenient for passengers to get on or off.

4. VIBRATION RECORD

If the car is bumped, the system will take a record about the vibration of the car and will give warning to the car owner by beeps when the alarm system is disarmed, so that the car owner can check the car inside and outside to make sure about the safety of the car.

5. WARNINGS OF IMPROPER CLOSED OF DOORS

If the doors are not properly closed, the lamps will keep flashing for 15+/-5 seconds in order to give warnings to the cars.

6. DISCRIMINATING FUNCTION FOR TRIGGERING.

If the alarm system is triggered in arming mode, then:

- (a.) The siren will sound in arming mode (without sounding in silent mode) when the car window is knocked or when the car is bumped.
- (b.) The siren will keep sounding for 25+/-5 seconds when the car door is opened or when the engine is ignited illegally.

7. TWO STAGE SIREN VIBRATION

If the car body by bumped slightly, then L.E.D keep lighting and the parking light flash and the siren will only chirp 5 times.

If the car body by bumped continuously or the car door is opened, the siren will keep sounding for 25+/-5 seconds.

8. MEMORY ALARM MODES

If the car power is cut off whether the system is armed or disarmed, the system will still keep in original condition.

9. CODE LEARNING MODE

New code learning procedure:

- (a.) During disarming status, stay inside the car, close the door properly, then step always on the foot brake, open the door (now the lamps flashing).
- (b.) Turn the ignition key from OFF-ON--OFF-ON-OFF-ON position 3 times, and keep ON position (now the lamps keep lighting). Press any key of the remote control, the sirens will chirp 3 times after 3 seconds, indicating that a new code is stored.

NOTE: All operating should be finished within 5 seconds, or else the system will cancel this learning.

Store another remote control code by repeating the same procedure. This system can be learnt up to 4 remote.

10. SMART SECOND UNLOCK

Press the button first time for disarming alarm, second for driver seat and third for passenger's seats.

11. REMOTE CONTROL CODE CANCELLATION

If the remote control is lost, it is necessary to cancel the remote control's code in the brain module for safety reason.

- (a.) During the disarming status, enter the car, keep the door closed, step always on the foot brake, then open the door. Now the lamps flash.
- (b.) Turn the ignition key from OFF-ON-OFF-ON-OFF-ON-OFF-ON-OFF-ON-OFF 5 times, and keep on OFF position. Now the lamps keep lighting, and the sirens chirp twice after 3 seconds, indicating that all control's code is cleared from the system.

SYSTEM INSTALLATION GUIDE

Main Unit Installation

The main unit is suggested to be placed under the panel. After fixing the main unit in a suitable place, start connecting the wires in accordance to the **WIRE CONNECTING DIAGRAM** before putting back all the parts, simply test the system function first.

Shock Sensor Installation

Install the sensor after fixing the main unit. It is recommended to place the shock sensor near the car doors, or beside the panel so as to easily detect any intrusion actions. To adjust the sensitivity of the shock sensor, simply use a screw to turn the button in the shock sensor, turning right to adjust with a higher sensitivity or vice versa. Then test the sensitivity by triggering the shock sensor. If it is triggered, the L.E.D will light up. Please do not directly hit the shock sensor.

Central Lock Installation Guide

This system can give output negative signal to trigger the central lock system.

Central Lock Installation Diagram

Nowadays, vehicle's central lock system has around 10 different types and this system can control several common central lock systems without any additional parts.

Here are 6 connection types (see wiring diagram before read the following):

- **Type A:**
For vehicles equipped with central lock, a central lock first recommendation (FIG. 1)
- **Type B:**
For vehicles equipped with central lock but no motor on driver's side, add a master motor and rod into the driver side door. (FIG. 2)
This type of installation is applicable to vehicles equipped with factory central lock unit such as some Ford, Mitsubishi, Mazda, and Nissan models.
INSTALLATION NOTE: First, install the actuator near the door's manual latch, and then fix the rod of the actuator on the manual latch.
- **Type C:**
For vehicles equipped with central lock and with motor on driver's side. (FIG. 3)
- **Type D:**
For vehicles equipped with electrical-activated vacuum-pump controlled door locks. (FIG. 4) The timing of actuator mechanism can be set as 0.8 seconds or 3.5 seconds.
This type of installation is applicable for some Mercedes-Benz and Audi models.
- **Type E:**
For some GM vehicles equipped with factory central lock unit. (FIG. 5)
- **Type F:**
For some vehicles not mentioned above, please consult professional installers.
NOTE: Type B installation method (FIG. 2) is suitable for most vehicles.

SPECIFICATIONS OF ELECTRONIC

MAIN UNIT

Output current:	signal light 5A*2, siren 10A, central lock:10A
Coding:	learning code
Voltage:	12±2V
Static Current:	<15mA(except indicator, sensor)
Indicator Current :	20mA intermittently
Shock Sensor Current:	<1mA
Frequency:	300MHz~350 MHz

REMOTE CONTROL

Voltage:	12V
Current:	0mA
Battery:	27A/12V
Frequency:	300MHz~350MHZ
Coding:	learning code
Coding times:	> 1 million

TROUBLE SHOOTING

The remote control does not work.

*Check the battery level. It is suggest to replacing a new battery each year.

*Check if the remote control is moistening or crash.

The remote control does not make the main unit work.

*Check the battery level in the remote control.

*Check if the remote control is moistening or crash.

*Check if the frequency of the remote control is changed.

*If possible, use another control for comparison. If both of them do not work, then check the main unit and the wire connection. (Do not open the main unit for checking)

The central lock does not work.

*Check if the actuators are working.

*Check wire connection

*Check if the fuse of the main unit is damaged.

The siren does not sound when the system is triggered.

*Check if the sirens are available.

*Check the wire connection between the siren and main unit.

The siren keeps chirping while the main unit installs.

*Check if the socket is insert converse or check the wires connection or the CPU safety fuses.

*If back up battery is used, check if the switch is positioned at ON status.

The alarm sounds 10 seconds after the vehicle is armed, same problem keeps happening again

*Check if the shock sensor is too sensitive.

*Check if the door pin switches are damaged.

*Check wire connection.

The alarm is easily triggered when a heavy vehicle is passing through.

*Check if the shock sensor is too sensitive.

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