

Model#: DC-5
CAR SECURITY SYSTEM
with Remote Engine
OWNER'S MANUAL

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OPERATING INSTRUCTIONS

4 BUTTON REMOTE CONTROL

Function	Arm	Disarm	Silent Alarm Mode	Engine Start
Press				twice within 3 seconds during arming mode
	Anti-Hijacking	Panic	Shock Override	Trunk Release
	When ON ACC then		+	Press for 3 seconds

FUNCTION SETTING

FUNCTION	JP Position	METHOD
Electronic /Air Compressor Lock	JP1	Air compressor lock: short circuit
Engine start mode	JP2	Short circuit: automatic gear car/common set Open circuit: manual gear car/special set
Activating time of warm up	JP3	Short circuit: 25 minutes Open circuit: 8 minutes

NOTE:

1. THE SYSTEM IS SET IN SILENT MODE DURING PRODUCTION.
 2. THE SYSTEM IS SET WITH SHOCK SENSOR MODE DURING PRODUCTION.
- DO ALL SETTING IN NO POWER SUPPLIED CONDITION.

DESCRIPTION OF FUNCTIONS & FEATURES

A) ARM 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 after 5 seconds, 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.
- (d) In silent mode, the siren will not chirp
Please also refer to “**AUTO RE-ARM**” feature.

C) SILENT ALARM MODE

- (a) Lights flash once, but siren will not chirp. The door lock automatically and light show the arming mode
- (b) If the alarm shock is triggered, lights will flash, but siren will not sound.
If the door is opened by force, and the siren will chirp immediately; it will be back to arming mode in 25 seconds later when the system is triggered.



D) CENTRAL LOCK AUTOMATICALLY

During driving, press or can remote control the lock and unlock; close the door properly before driving and then turn the key to ‘ON’ position, and the stamp the brake for 15 seconds and then close the door will lock automatically; take the key away from ‘ON’ position and the door will unlock automatically.

NOTE: if the door is not closed properly and key not turn to ‘ON’ position, the door will not lock


automatically.

E) PANIC, CAR SEARCH



- (a) Press  in normal arming mode, the siren will sound and lights will flash for 15+/-5 seconds. Press again to stop.
- (b) Press  in silent arming mode, the siren will not sound and lights will flash for 15+/-5 seconds. Press again to stop.

This feature can also be used as a searching function to locate the vehicle in a large parking lot.





F) STOP SIREN TEMPORARILY

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

G) CALL FOR EMERGENCY HELP

When driving, press , the siren will keep sounding and parking lights keep flashing for calling for emergency help. Press  again to stop.

H) ANTI-HIJACKING


(1)When driving, turn the key ACC.ON position and press , the parking lights will flash quickly (this is stand-up for anti-hijacking mode). And then pressing  button within 5 seconds, the system is into anti-hijacking mod. The parking light will still keep flashing and then press  again, the engine will be cut off immediately and siren will keep sounding. Press  to stop the function.

SPECIAL FEATURES

1. MISS-TOUCH

Once the vehicle started accidentally touching buttons that normally arm the alarm, will not arm the alarm, but will lock doors. Press disarm button to unlock the doors.

2. AUTO RE-ARM

If nobody enters the car in 25+/-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.

3. 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.

4. WARNINGS OF IMPROPER CLOSED OF DOORS

If the doors are not properly closed, the lamps will keep flashing for 10+/-5 seconds in order to give warnings to the cars behind.

5. WARNINGS OF ABNORMAL SITUATION

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

- (a.) The siren will sound on 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.

6. REMOTE ENGINE START

- (a.) Press \square twice within 3 seconds during arming mode, the engine will be remote started successful.
- (b.) If the engine can not be remote started after repeating the above procedure for 5 times just because for the cold weather or not press \square twice in 3 seconds, the system will return to alarm condition.

Note: When do the remote engine start for the manual gear car, the gear must be in neutral position to prevent from some damage.

7. HINTS FOR SUCCESSFUL REMOTE ENGINE START

After successful remote engine start, the direction light will keep on flashing and siren chirp 3 times in 25 seconds later, the direction light will not stop flashing until the car finish warming up.

8. RESET FUNCTION (In condition of remote lost)

During alarming condition, turn to 'ON', the system is triggered. Press RESET switch, the power of the main unit is cut off. Then release RESET switch, the system return to disarm condition.

9. OVERRIDE SHOCK SENSOR

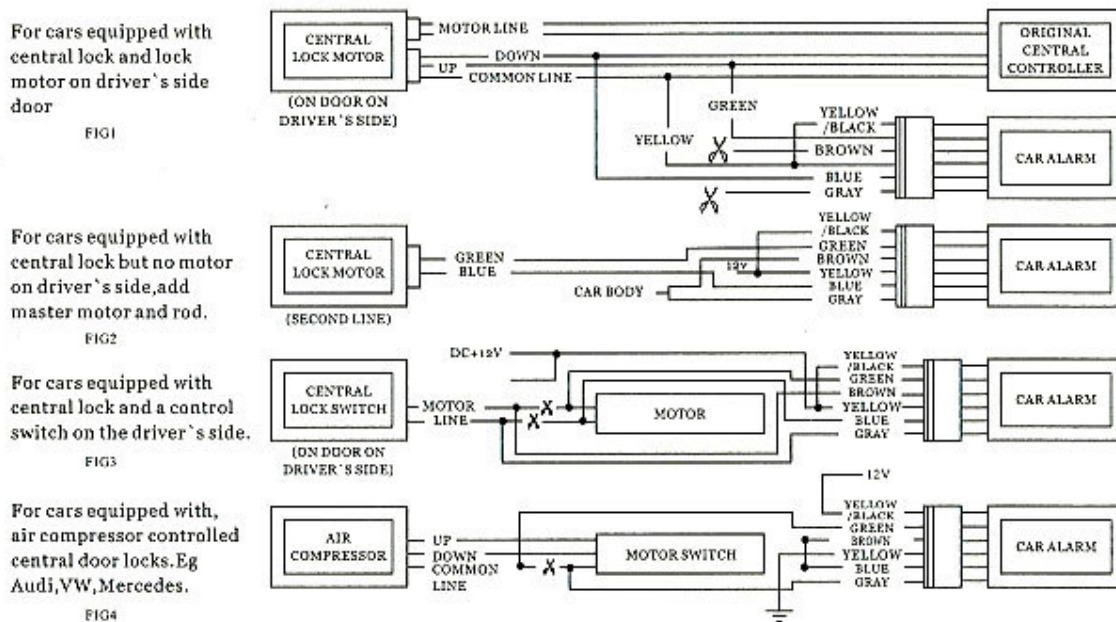
Pressing $\square + \square$ simultaneously, the siren will chirp once, indicating that the system has change to override shock sensor status.(The system is set with shock sensor mode during production.)

10. TRUNK RELEASE

Pressing \square for 3 seconds under any mode.

CENTRAL DOOR LOCK INSTALLATION DIAGRAM

CENTRAL LOCK INSTALLATION DIAGRAM



See attachment to reference.

WIRE CONNECTION GUIDE

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 triggered, the L.E.D will light up. Please do not directly hit the shock sensor.

Central Lock Installation Guide

This system can control several common central lock types without any additional parts.

TYPE A:

For cars equipped with no central lock, recommended to install it first. (see FIG 1)

TYPE B:

For cars equipped with central lock but no motor on driver side, add master motor and rod. (see FIG 2). This type of installation is applicable to operate factory lock system in some FORD, Mitsubishi, Mazda, and Nissan models.

*Installation tips: First install the actuator near the door's manual latch, then fix the rod of the actuator on the manual latch

TYPE C:

For cars equipped with central lock and with motor on the driver's side. (see FIG 3)

TYPE D:

The door locks are controlled by electrical activated vacuum pump. (See FIG 4). The timing of actuator mechanism can be set as 0.7 seconds or 3 seconds at the JP2.

For some Mercedes-benz and Audi models.

TYPE E:

For some cars not mentioned above, please consult your dealers.

NOTE: Type B installation method (FIG 2) is suitable for most of the cars.

SPECIFICATIONS OF ELECTRONIC

MAIN UNIT

Output current:	signal light:5A*2, siren 10A, central lock 10A
Coding:	fixed code
Voltage:	12±2V
Static Current:	8.5mA(except indicator, sensor)
Indicator Current :	20mA intermittently
Shock Sensor Current:	<1mA
Frequency:	300MHz~350 MHz

REMOTE CONTROL

Voltage:	9V
Current:	0mA
Battery:	NO.CR2016 3V*3
Frequency:	300MHz~350MHZ
Coding:	fixed code

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 moisten 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 moisten 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 fuse.
- *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.

-END-