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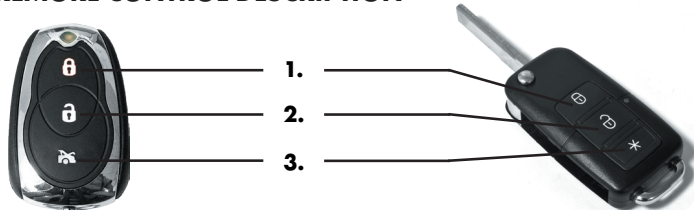


SYSTEM DESCRIPTION

P LOCK is central locking system for vehicles with 12V power supply. The system is controlled by transmitter hereby is possible trunk remote control. Communication between control unit and central lock is safety by hopping code. P LOCK set contains control unit for correct functionality of the system, set of 4 actuators (2 pcs to front control doors and 2 pcs to back doors), cable ties on interconnection of the system, set of mechanical parts (rods, fasteners, sheetmetals u). The actuators installed in doors provide for motion of rods (like in hand-control). The actuators of front doors contain switch that reads position of the lock and sends informations about position to the control unit. The control unit on the base of lock position change of control doors controls all other door locks. The system P LOCK used as car alarm is assigned for doors, trunk and hood sensing. In violation, the system alerts by optical (direction lights) and sound (siren) signalling. Siren is not included in package. In arming, engine-cut circuit activates, that cut start of engine. The car alarm is controlled by remote control and in this way central lock too.

Attention: If you'd like use this system as car alarm, then is necessary to deactivate service mode! Valet mode is signalized by LED indicator. In valet mode LED lights permanent when ignition OFF.

REMOTE CONTROL DESCRIPTION



Functions description of transmitter buttons - central lock

BUTTON	FUNCTION	OPTICAL SIGNALLING
1	lock	direction indicators flash 1x
2	unlock	direction indicators flash 2x
3	trunk open	

Functions description of transmitter buttons - car alarm

BUTTON	FUNCTION	CONDITIONS
1	a: arm and lock b: sound car location c: alarm stop d: lock	system disarmed system armed triggered alarm turned ignition ON
2	a: disarming b: unlock c: alarm stop	system armed turned ignition ON triggered alarm
3 over 1 sec.	trunk open	turned ignition OFF
2x3 within 1 sek.	„LOCK CHECK“ function (check of last button press on remote control)	always
3+1 over 2sek.	a: „LOCK CHECK“ function ON b: „LOCK CHECK“ function OFF	„LOCK CHECK“ function is OFF „LOCK CHECK“ function is OFF
1+2	panic alarm	always

I. VALET MODE

- open central lock and turn ignition OFF/ON 10x. Keep ignition ON.
- direction indicators flash 1x at valet mode activation and 2x at valet mode deactivation.
- valet mode is signalized by LED diode with permanent light when ignition OFF.

II. SYSTEM FUNCTIONS - CAR ALARM

If you want to use this system as car alarm, first deactivate valet mode!

Arm

- press button 1.
- siren sounds 1x or doesn't sound. (see program menu F8).
- direction lights flash 1x.
- doors lock and immobilizer is armed.
- after 5 or 30 sec. (see program menu F9) is system armed. LED flashes slowly. All sensors are activated. In violation of any sensor to 5 or 30 sec., the system eliminate this sensor.
- if doors are not closed till 5 or 30 sec., siren sound 2x. LED flashes quickly and siren sound 2x.

Disarm

- press button 2.
- siren sound 2x or don't sound (see program menu F8). If after disarming, the siren sound 4x, then during arming was alarm. If during arming had started from ignition, then after system deactivation LED flashes 6x in intervals. If alarm had started from doors contacts, LED flashes 3x in intervals while turned ignition ON.

Lock/unlock in turned ignition ON

- press button 1 in turned ignition ON and doors will lock.
- doors will unlock by pressing of button 2.

Automatic lock/unlock in turned ignition ON

After turn ignition ON, doors will lock automatically. After turn ignition OFF, doors will unlock. Optional function (see program menu F1).

Emergency panic alarm

Panic alarm is activated by pressing of buttons 1 and 2 in the same time. Siren sounds and direction indicators flash 30 sec. Alarm will finish by pressing buttons 1 or 2.

Car location

- system must be armed. Car location is activated by pressing of button 1.
- direction indicators flash 10x and siren sound 5x.

Trunk open

If you press button 3 over 1 sec., you will activate the output for trunk open. If you will open trunk till 4 sec., the system will eliminate doors contacts output. After trunk closing, doors are armed after 20 sec.

Automatic reactivation

If after disarming, doors are not opened or will not turn ignition ON, the system activates automatically after 20 sec. and doors lock.

III. EMERGENCY DEACTIVATION

- open the door in arming (siren sounds)
- turn ignition ON/OFF 7x till 20 sec.
- after 3 sec., siren sound 4x and direction lights flash 4x. The system is disarmed.

IV. PROGRAMING REMOTE CONTROL

1. Turn ignition OFF/ON 5x till 10 sec. Keep ignition ON
2. After 5-th turned ignition ON, direction lights flash 5x. Programming is started.
3. Press any button on new transmitter till 10 sec. (if you don't do it till 10 sec. or you turn ignition OFF, the system will finish programming automatically).
4. Direction lights flash 1x for first transmitter, 2x for second and 3x for third. If you'd like to learn new transmitter, you must also to learn other transmitters that were programmed before.
5. The system will finish programming automatically after 10 sec. from programming last transmitter or by turn ignition OFF.

Notice: The system allows to program max. 3 pcs transmitters.