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www.pyleaudio.com

*Always on watch,
...Even when you're not!*

INTRODUCTION

The newest technological are integrated in our Two Way Alarm and Remote Engine Start alarm system. They are fully programmable for your customers to have personalized security and comfort. The ultimate in comfort and protection.

ALARM

The alarm integrated in the system is a fully programmable unit with multi zone protection such as shock sensor, starter kill output, control power locks and much more.

WIRING DESCRIPTION

6PIN CONNECTION

RED	+12v constant wire (12v positive input) connect to a 12v constant, 30 A fuse built in.
BLACK	Ground wire, important connect to a ground.
BLUE	Accessories wire (12v positive output) connect to wire that controls the heater/air conditioning fan.
YELLOW	Starter wire (12v positive output) connect to starter wire.
BROWN	Ignition wire (12v positive output) connect to main ignition.
PINK	Siren wire connect to siren, do not require a relay if siren under 3A is used.

WIRING DESCRIPTION

10PIN CONNECTION

BROWN	Parking light wire (12v positive output) connect to parking light wire		
BROWN	Parking light wire (12v positive output) connect to parking light wire		
PURPLE	TACH wire (AC input) connect to TACH signal wire (coil or injector)		
YELLOW/ GREEN	Starter kill wire (500mA negative output) connect to starter kill relay.		
ORANGE	Lock	NC	(See page 5)
WHITE	Lock	COM	(See page 5)
YELLOW	Lock	NO	(See page 5)
ORANGE/ BLACK	Unlock	NC	(See page 5)
WHITE/ BLACK	Unlock	COM	(See page 5)
YELLOW/ BLACK	Unlock	NO	(See page 5)

FEATURES AND OPERATIONS

IGNITION LOCK:

Door locks automatically when ignition is ON and brake pedal is depressed after driving 15 seconds. Doors will unlock when ignition is turned off.



SHOCK SENSOR PRE-WARNING:

Siren chirps rapidly when shock sensor is trigger. If shock sensor is trigger for a second time within 10 seconds, the siren will sounds for 30 seconds.

ALARM AND REMOTE STATER INTERACTION:

Your remote engine start can be active even if the alarm system is armed or disarmed, arm or re-arm the alarm when engine is running via remote starting.

REMOTE ENGINE START:

Press  button on the transmitter, siren will chirp once and parking light will turn on, within 5 seconds press  button again engine will start 2 seconds later. Parking light will flash as long as the engine is running 10 minutes. If the engine refused to start, the system shut off completely. You may be experiencing a mechanical problem.

FEATURES AND OPERATIONS

ARMING:

Arming the system will also enable the starter kill and unlock the door, if installed.

PASSIVE ARMING:

The system will automatically arm without door lock itself 30 seconds after the ignition has been turned OFF and the last door closed.

DISARMING:

Disarming the system will also disable the stater kill and unlock the door, if installed.


SAFE REARMING:

If you disarm the system by accident and you do not open any access (door), it will rearm automatically after 30 seconds, unless the engine running.

STARTER KILL OUTPUT:

When the system is armed manually or via passive arming the starter kill will arm at the same time.

PANIC MODE:

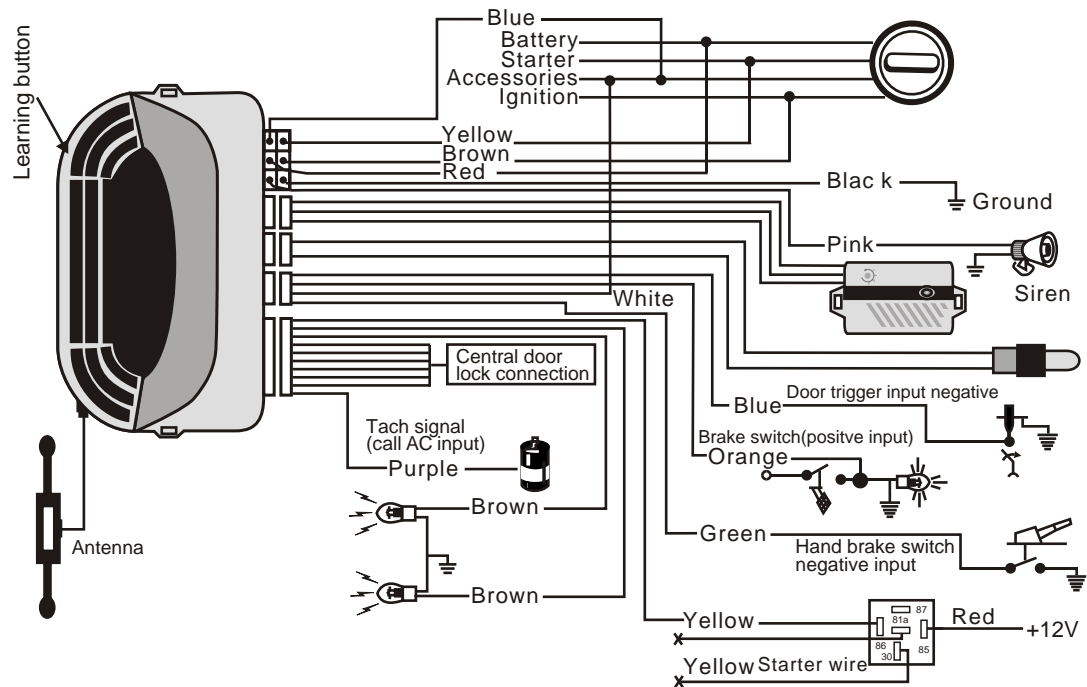
While arming mode press  button panic mode is engaged. The siren will be chirp 2 seconds and parking light will flashing 3 times.

WIRING DESCRIPTION

4 PIN CONNECTION

WHITE	Switched ignition input (12v positive input) connect to ignition wire.
GREEN	Hand brake wire (negative input) connect to switched side of hand brake switch.
BLUE	Door trigger negative input, connect to negative door switch.
ORANGE	Brake wire (positive input) connect to the switched side of the brake pedal switch.

WIRE CONNECTION GUIDE



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TRANSMITTER CODE LEARNING



STEP1

DELETE CODE FOR CONTROL UNIT:

Press learning button at control unit until the LED at control unit (near the learning button) turn off. System will delete all transmitter code.

STEP2

DELETE CODE FOR TWO WAY TRANSMITTER:

Press button  at two way transmitter for 8 seconds until  icon at LCD display turn off, transmitter will delete control unit code.

STEP3

CODE LEARNING:

Press learning button at control unit, LED at control unit (near the Learning button) will flash once to enter code learning mode. Press any Button on the transmitter, LED will turn on 0.5 second when received the transmitter code. Continuous doing the same step for the next transmitter.

NOTE: The transmitter supplied is already programmed to the system.

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TRANSMITTER OPERATION

FUNCTION	PRESSING BUTTON	ACTIVATION
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BUTTON ARM SILENTLY

ARMING NO CHIRP	Press once	System armed and doors locked without chirp
ANTI CAR-HIJACKING	Press then press while driving.	System enter anti car-hijacking mode.

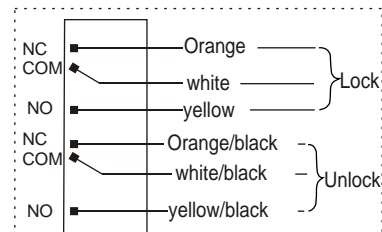
BUTTON ENGINE START

ENGINE START	Press once and press again within 5 seconds.	Send signal to start engine.
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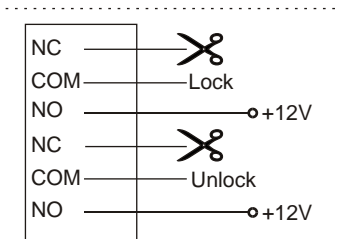
BUTTON VIBRATION

VIBRATION	Press once	To select vibration on or off.
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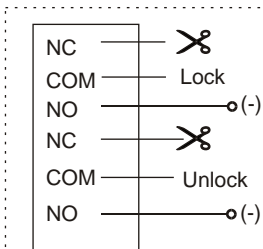
DOOR LOCK WIRING DIAGRAM



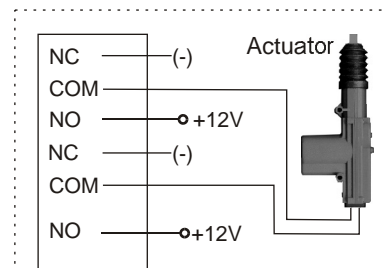
Interior circuit diagram of the relay



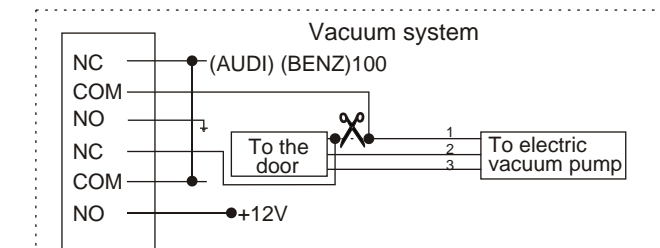
1. Positive trigger



2. Negative trigger



Adding actuator





NOTE: The system must be programmed for 4 second door lock pulses.

PROGRAMING

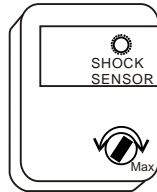
IMPORTANT: The installation must be complete before accessing programming mode.

DOOR LOCK PULSE:

Some European Vehicles such as Mercedes-Benz and Audi, require longer lock and unlock pulse to operate the vacuum pump.

Start the engine, press button  and  at the same time. Parking light will turn on 0.5 second, that means 0.5 second door lock pulse selects. If the parking light turn on 4 seconds, that means 4 seconds door lock pulse selects.

SHOCK SENSOR:



NOTE: When adjusting the sensor, it must be in the same mounting location that it will be after the install is complete. Adjusting the sensor and then relocating the shock sensor requires readjustment.

TRANSMITTER OPERATION

FUNCTION	PRESSING BUTTON	ACTIVATION
----------	-----------------	------------






BUTTON ARM:

ARMING	Press once	System armed and doors locked with chirp.
STOP ENGINE	Press once (when engine running with engine start).	Send signal to stop engine.
PANIC MODE	Press once after system arm 30 seconds.	Siren chirps 2 seconds and parking light flashing 3 times.

BUTTON DISARM





DISARMING	Press once	Systems disarmed and doors unlocked with 2 chirp.
DISARMING NO CHIRP	Press once when system arm at silently mode.	System disarmed and doors unlocked without chirp.


COMMON BUTTON USED BY 3508 TRANSMITTER

	ARM & LOCK THE DOORS
	DISARM & UNLOCK THE DOORS
	ARM & LOCK THE DOOR SIRENTLY
	ENGINE START
	VIBRATION ON/OFF


TRANSMITTER OPERATION

ADJUST REALTIME CLOCK:

Keep press  button 8 seconds until the display show the hour flashing. Use  button to adjust hour and use  button to adjust minute. When it is done, press  button to exit.

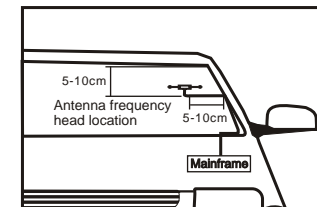
NOTE: You can exit a mode anytime by pressing the  Button.

REPLACE THE BATTERY OF YOUR TRANSMITTER:

When transmitter battery low,  icon will flashing at display and you hear beeps sound. Transmitter battery has to be change. Your two way transmitter is powered by an "AAA" 1.5V alkaline battery.

NOTE: When the battery weekends, operating range will be reduced and the back light will dim.

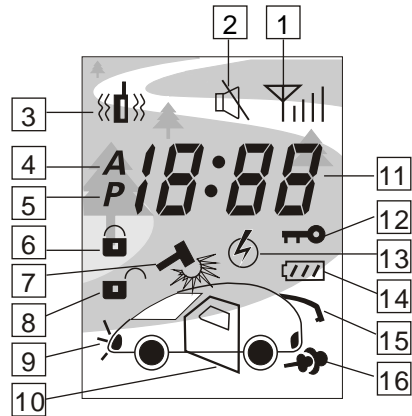
ANTENNA INSTALLATION POINTS



TROUBLESHOOTING

TROUBLE	SHOOT
1. Siren chirp continuously cannot be deactivating by transmitter after the installation of the control module.	1A. Please check if the electrical outlets are mistakenly plugged Problem with the connection Fuse of control module blow Is the main module matched with the transmitter?
2. When the alarm is triggered the siren does not actives.	2A. Please check if there is something wrong with the siren, check the connection between main unit and siren.
3. Status LED doesn't work.	3A. See page 4 Is the LED plugged into the correct socket?
4. Door locks operate backwards.	4A. This unit has easily-reversed lock/unlock output. Recheck page 4 to see if you have reverse these.
5. Door locks doesn't work.	5A. Please check the connection see page 5.

TWO WAY LCD TRANSMITTER OPERATION



1. RF transmit / Receive
2. Silent mode
3. Vibration mode
4. AM
5. PM
6. Lock
7. Impact detector alarm
8. Unlock
9. Parking light
10. Door open
11. Time display
12. Successful learning indicator
13. Engine start
14. Low battery indicator
15. Trunk release
16. Engine running

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TRANSMITTER OPERATION

Two Way Transmitter



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INTRODUCTION

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1

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ORANGE	Lock NC (See page 5)
WHITE	Lock COM (See page 5)
YELLOW	Lock NO (See page 5)
ORANGE/BLACK	Unlock NC (See page 5)
WHITE/BLACK	Unlock COM (See page 5)
YELLOW/BLACK	Unlock NO (See page 5)

2

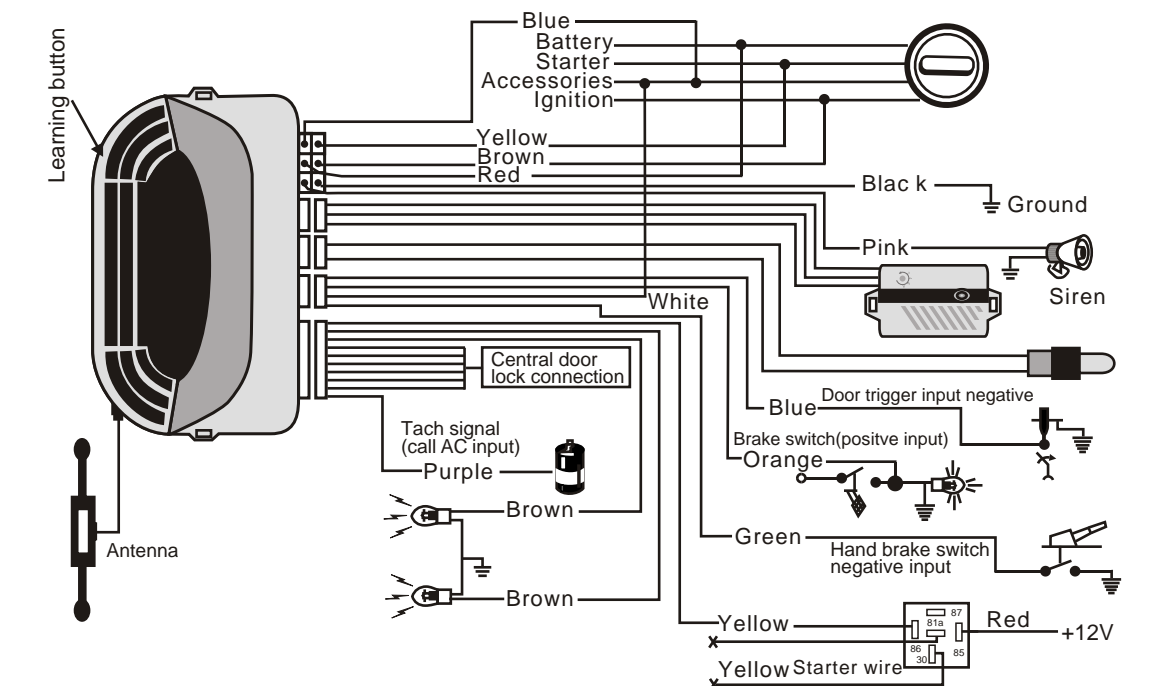
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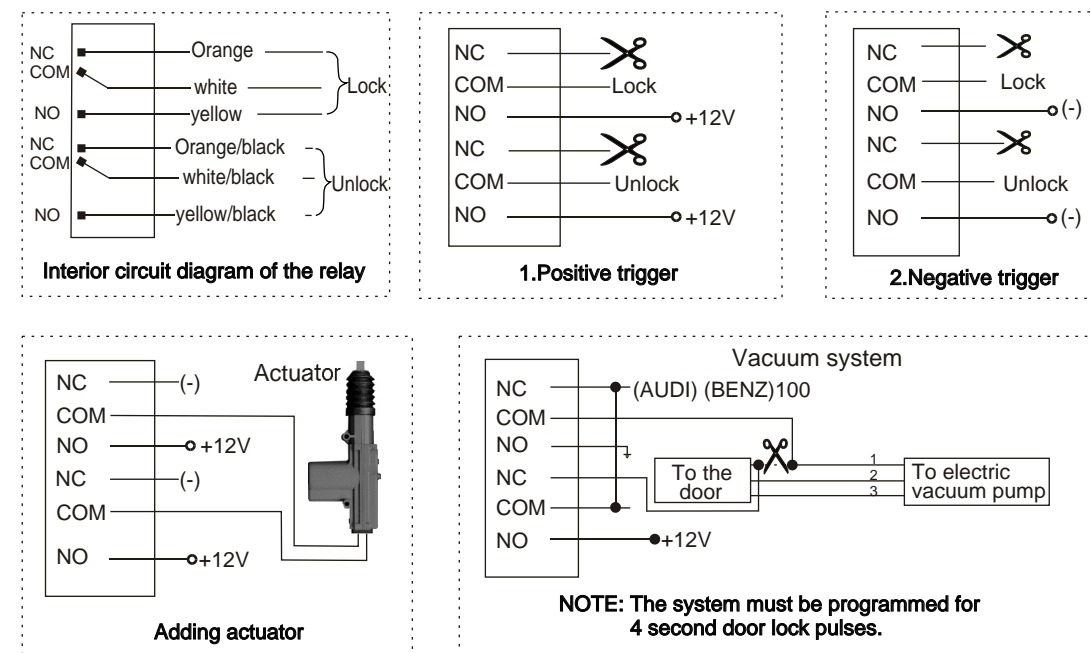
3

WIRE CONNECTION GUIDE



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DOOR LOCK WIRING DIAGRAM



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PROGRAMING

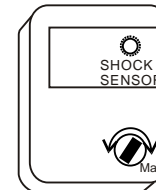
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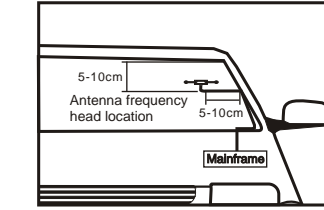
SHOCK SENSOR:



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ANTENNA INSTALLATION POINTS

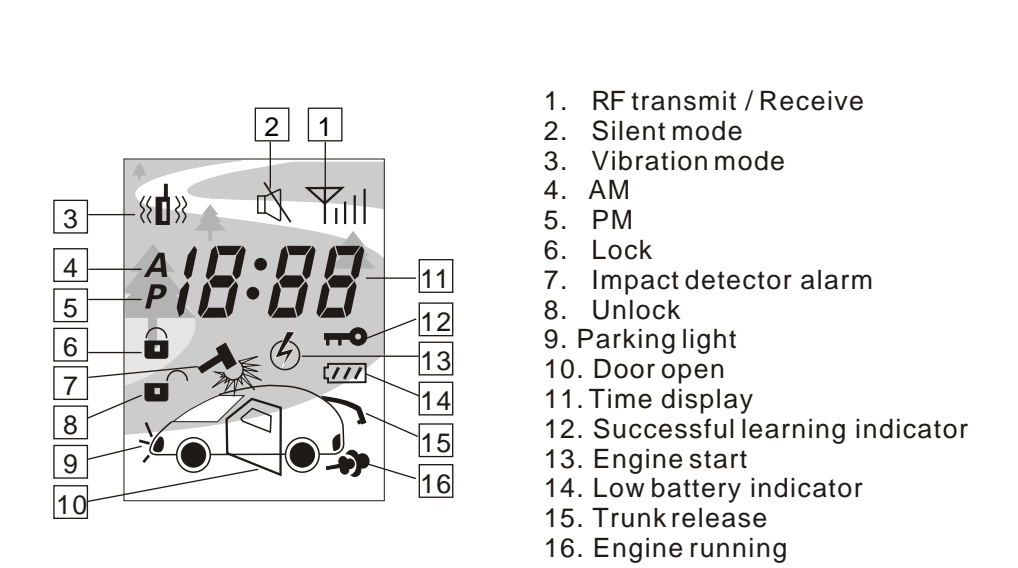


TROUBLESHOOTING

TROUBLE	SHOOT
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TWO WAY LCD TRANSMITTER OPERATION



1. RF transmit / Receive
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4. AM
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6. Lock
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TRANSMITTER OPERATION

Two Way Transmitter



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COMMON BUTTON USED BY 3508 TRANSMITTER

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	ARM & LOCK THE DOOR SIRENTLY
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TRANSMITTER OPERATION

ADJUST REALTIME CLOCK:

Keep press button 8 seconds until the display show the hour flashing. Use button to adjust hour and use button to adjust minute. When it is done, press button to exit.
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TRANSMITTER OPERATION

FUNCTION	PRESSING BUTTON	ACTIVATION
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BUTTON ARM:

ARMING	Press once	System armed and doors locked with chirp.
STOP ENGINE	Press once (when engine running with engine start).	Send signal to stop engine.
PANIC MODE	Press once after system arm 30 seconds.	Siren chirps 2 seconds and parking light flashing 3 times.

BUTTON DISARM

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TRANSMITTER OPERATION

FUNCTION	PRESSING BUTTON	ACTIVATION
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BUTTON ARM SILENTLY

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ANTI CAR-HIJACKING	Press then press while driving.	System enter anti car-hijacking mode.

BUTTON ENGINE START

ENGINE START	Press once and press again within 5 seconds.	Send signal to start engine.
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BUTTON VIBRATION

VIBRATION	Press once	To select vibration on or off.
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FEATURES AND OPERATIONS

ARMING:

The system will also enable the starter kill and unlock the door, if installed.

PASSIVE ARMING:

The system will automatically arm without door lock itself 30 seconds after the ignition has been turned OFF and the last door closed.

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Disarming the system will also disable the stater kill and unlock the door, if installed.

SAFE REARMING:

If you disarm the system by accident and you do not open any access (door), it will rearm automatically after 30 seconds, unless the engine running.

STARTER KILL OUTPUT:

When the system is armed manually or via passive arming the starter kill will arm at the same time.

PANIC MODE:

While arming mode press button panic mode is engaged. The siren will be chirp 2 seconds and parking light will flashing 3 times.

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FEATURES AND OPERATIONS

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