



SPY

AUTO SECURITY






**Car Alarm
SYSTEM**




40116500030

SA11-15F


Transmitter button functions:


				
Arm	Disarm	Silent(Mute)	Locating&Help	Trunk release


A. In Arm

Press the button  on the transmitter once, the siren would chirp once, the flash lights would gleam once, the central door locking system would lock up automatically, the power window would roll up automatically. After 8 seconds, LED indicator will blink and system enters into arm status.


B. Disarm

① Press the button  once to disarm the system, the parking light will blink twice and siren will chirp twice, the door will be unlocked. Upon system disarmed, if you don't open the car door within 25 seconds the system will automatically rearm.



② Keep pressing the button  about 2 seconds to release the trunk.



③ Press the button  about 1 seconds to release the trunk.


C. Silent(mute)

Press the button  on the transmitter once, the flash lights would gleam once, the siren doesn't chirp, the central door locking system locks up automatically.

D. Locating:

① In arm, press the button  on the transmitter once for 2 seconds, the flash lights would gleam 15 seconds and siren would chirp continuously. Press the button  once again to stop. After that, the system is still in arm status.

② In arm, press the button  on the transmitter once for 2 seconds, the flash lights would gleam for 15 seconds, but the siren would keep silent.. Press the button  again to stop. After that, the system is still in arm status.


③ Anytime, press the button  on the transmitter (with 4/5 buttons), the flash lights would gleam for 15 seconds, and the siren would chirp 15 times.

Functions



1. In arm

In arm, the system will be triggered while the door is opened, the vehicle is hit or towed up, the siren would chirping but the system is still in arm. could be cut. The siren will stop chirping automatically after chirping for 40 seconds and the system would re-arm again.

2. Siren Pause

The siren would chirp loudly while triggered. Press the button  on the transmitter once to stop the siren chirp loudly, the flash lights would gleam, the engine w



3. Power windows


Press the button  or  on the transmitter once, the power window would be closed one by one within 15 seconds.

4. Trigger Identify function:




- ① In arm, if there is any light hitting to the car, the siren will chirp 10 times and parking lights will blink 10 times, the engine will be immobilized
- ② In arm, if there is any heavy hitting, the siren will chirp intermittently 40 seconds, the parking light will blink, and the engine will be immobilized.

5. Central door locking system automation: (optional)



- ① When the vehicle is moving, press the button  or  on the transmitter once to make the central door locking system lock or unlock but the alarm system is not working at the same time.
- ② All doors are closed, the car key is put into the key lock and turned to ACC ON position, after 15 seconds, you can press the footbrake once to make the central door locking system lock up.
- ③ When ACC OFF, the car door will be unlocked for the passengers off conveniently.

How to program: Turn the ignition key to ON position then press the lock button  for 2 seconds, and siren will chirp two beeps to acknowledge that the function is on. Press the button again; siren will chirp one beep to acknowledge the function is off. (Only for the ② point)

7. Anti-hijacking

When moving, press the button  once, the parking light will blink quickly. Then press the button  2 seconds to anti-hijacking mode. The siren will chirp and parking lights will blink and the engine will be immobilized in 40 seconds. You can press the button  to exit.

8. Car locating:

- ① Locating by sound and light: In arm, press the button  about 2 seconds to locate the car, the flash lights will blink 15 seconds and siren will chirp 15 sounds.
- ② Mute locating: In arm, press the button  about 2 seconds to locate the car without siren chirping, the flash lights will blink 15 times.

9. Re-arm

When disarmed, if any door is not opened or the engine not be started within 25 seconds, the system will be in arm automatically.

10. Precise detection

If any parts of the car were touched or hit, the system will alarm immediately to scare the thief away.


12. Engine cut off

With an extra engine cut off relay, the engine will be immobilized when system alarming.



13. Intruding warning record function:

In arm, if it was triggered by door opening/ engine cover, sensor or the car key, when disarm, the siren would chirp 5 sounds to warn.

14. Overtake

When driving, press  button for about 2 seconds to overtake the car, the siren will emit 15 seconds continuously chirping, accompany with 15 seconds flashing of car lamp.

15. Dome light delay

- ① Press the  to arm, and after 8 seconds, the system will detect the door signal, if the door is open, the system will beep 3 times to remind, and the system will delay the detecting for 55 seconds
- ② Press the  to disarm and the door is open at the same time in 1 second, the system will take the car as the one with dome light; If owner doesn't turn the car key to "ON" position after 55 seconds, the system will regard it as false disarm and go back to arm status.

16. Power off memory


In system armed status, if the power supply had been cut down, it will go back system armed status automatically when there is power supply.

17. Emergency disarm

In armed, the remotes damaged or lost which cant disarm the system normally, car owner can turn car key from OFF to ON 10 times (this action should be done within 12 seconds), stop at ON position, the siren will chirp twice and car lights will flash twice to disarm.

18. Door unclosed well warning(optional)

- ① If the car door is not properly closed, the parking light will blink for 30 seconds as warning
- ② If the car door is not properly closed and ACC ON, the parking lights will keep blinking as warning until car door closed properly.

How to program: Turn the ignition key to ON position and step on the footbrake, press the button  for about 2 seconds, the siren will chirp two sounds to acknowledge the function is on. Press the button again; the siren will chirp one beep sound to acknowledge the function is off.

※ ELECTRICAL/PNEUMATIC LOCKING

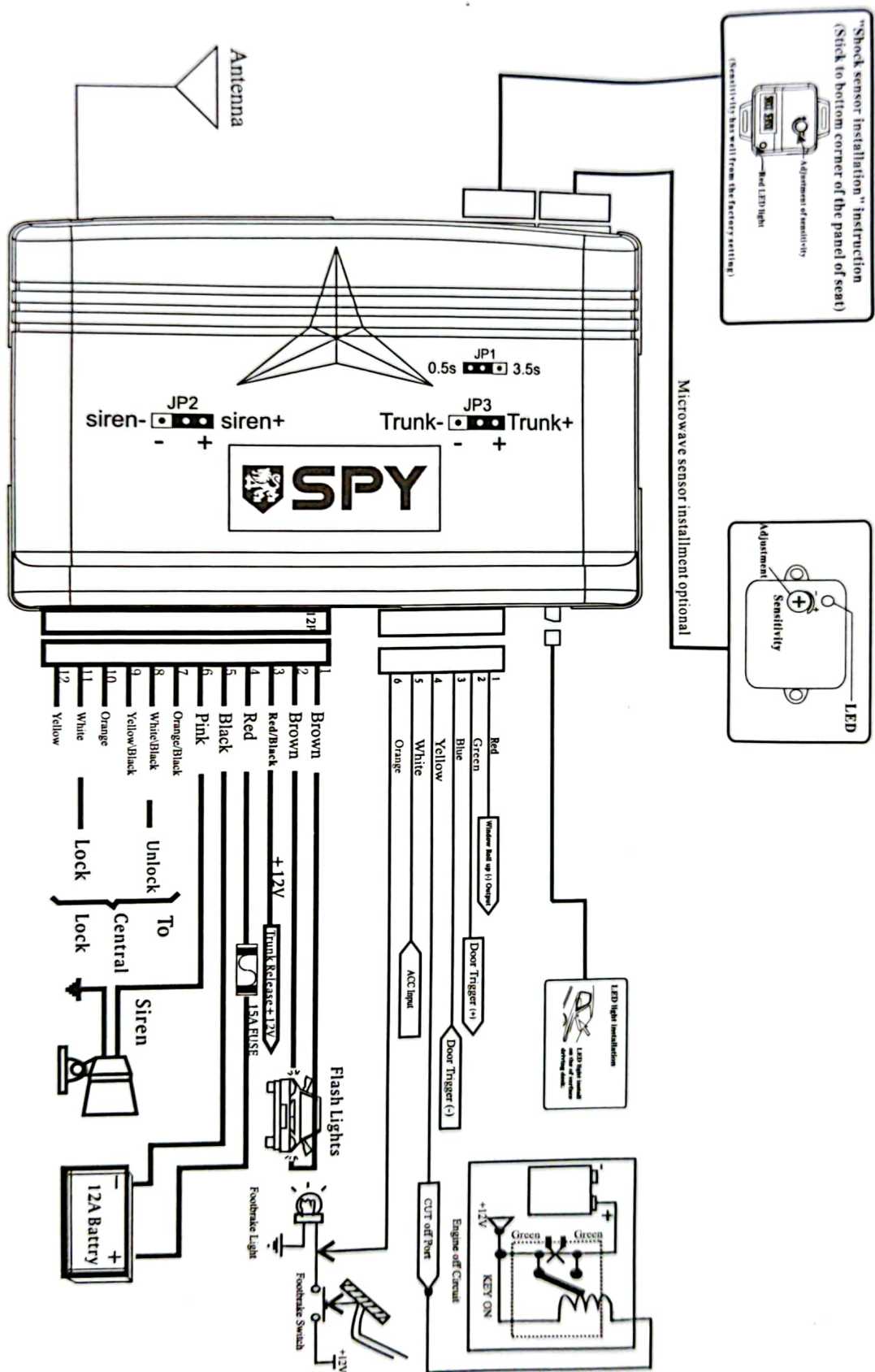
The default setting is electrical locking, and its output time is 0.5 seconds (JP1 jumper in the 0.5S position). And central locking output time is 3.5 seconds for pneumatic locking (JP1 jumper in 3.5S position)

※ How to learn new code

Put the car key into the key lock and hold the foot break switch, then turn the key from ACC off to ACC on 8 times, the flash lights on, press any button on one of the transmitters until the siren chirps once the flash lights off, finish the first transmitter code learning. Repeat above operation, you can learn MAX.4 transmitters once. When learning another 4 transmitters, the old code will be covered.

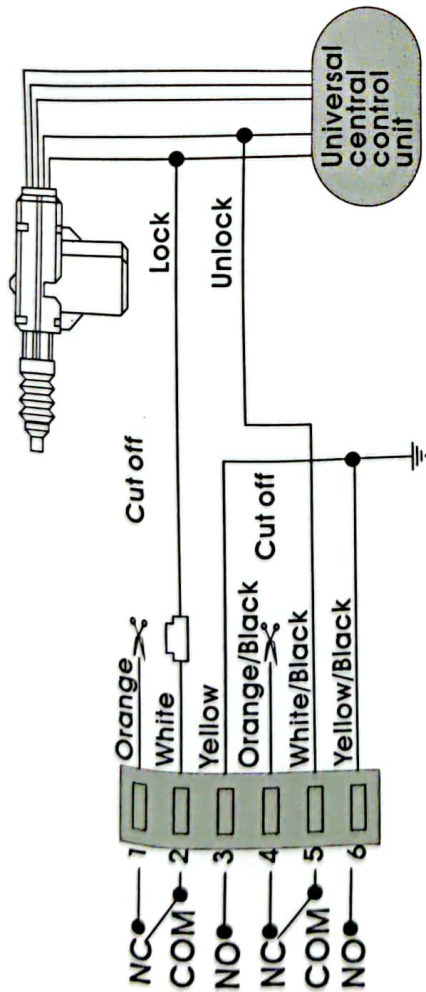
Technical Parameter

- 1. Working voltage: 9-15V
- 2. Output current:
 - Central door lock: 10A, Siren: 10A, Turn light: 10A
 - Trunk+: 10A, power window: -250mA
 - Engine cur-off: -250mA Engine start: -250mA
- 3. Working frequency: 433.92MHz/315MHZ

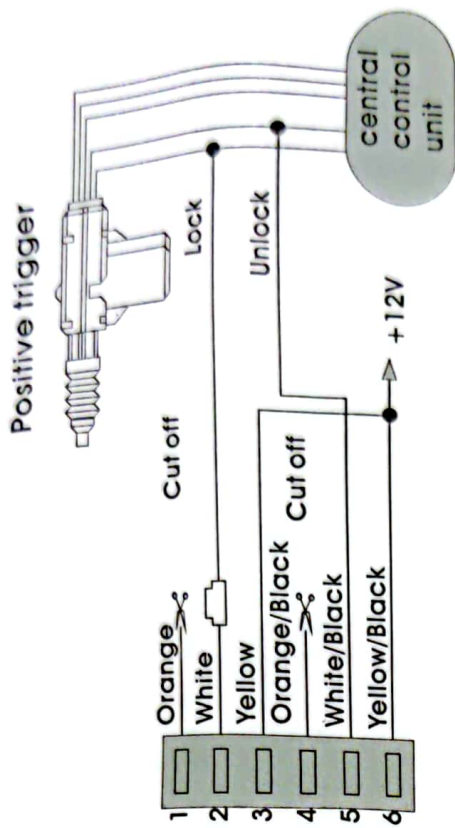
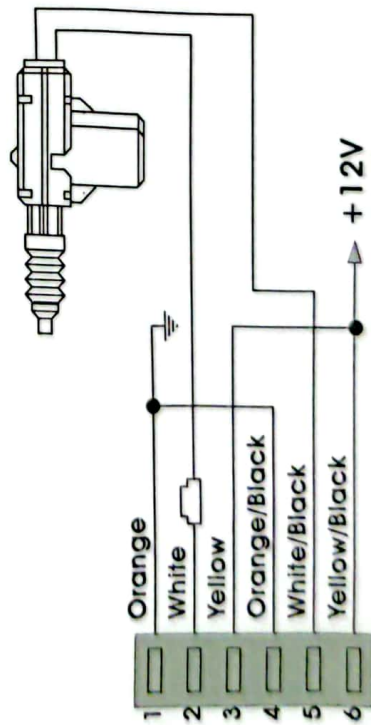


Central Door Lock Wiring Diagram

Negative trigger



Positive/Negative trigger



Please turn the jumper from ON to OFF on the PCB.

