LC095A-APP One way car alarm system



Button Functions:

Arm	Disarm	Silent Arm	Car Finding	Trunk Release

1.1 Sound /Flash Arm
When take off the car key ,and close the door ,then press the " " button shortly, Flash light will flash once and siren will emit beep sound once, then will enter into arm status(Shock sensr)

1.2 Silent Arm
When take off the car key,close the door well,press the remote once shortly,side door lock will lock automatically,LED light will gleam and the flash light will flash once.Siren will not emit sounds this time.The system will enter into arm status

1.3 Shock Sensor
When in arm status, the shock sensor is triggered when car is shocked.The brain unit siren will emit 5 sounds ,and the flash light will flash ,the car will not engine start,if it is triggered with 15 mins again,the siren will alarm for 30 seconds,and the flash light will flash at the same time ,then the car will not engine start,then the system will return back to the previous status.

1.4 Microwave sensor(optional)
In arm status,if somebody or object is moving around for 0.8s and is detected by microwave sensor, the engine will be cut off, the flash light will not light on ,and siren will chirp 5 times. If somebody or object is moving around for 0.8s and is detected by microwave sensor within 15s,then the engine will be cut off,the flash lights will gleam this tiem,the siren will chirp loudly for 30 seconds . The alarm system will return to the previous status after the alarm.

1.5 Door Intruding alarm

In arm status， if car door was opened or foot brake is pressed， it will trigger system to alarm， the siren chirping for 30s,the flash light will gleam,the engine will be cut off. The system will return to previous status after alarming.

1.6 ACC ON Triggered
In arm status,ACC on position ,and the siren will alarm about 30 seconds, and flash light will flash ,the vehicle will not engine start.The system will return back to the previous status.

1.7 Emergency Alarm
In arm ,when the car door is open,the ACC will be ON or ACC on and when press the footbrake or the car door is open.The ACC on position and press the footbrake will make the siren alarm about 30 seconds,the flash lights will flash ,and the vehicle can not engine start,
Note:When alarm is triggered ,engine will be cut off for 40 seconds.when after alarming, the system will return back to the previous status,if it is triggered by the same reason or other reasons,it will alarm because of the trigger.When armed,if it is triggered by the same reason for a long time,the system will alarm 4 minutes and will stop automatically.When have other reasons to trigger the system(At this time, the alarm information needs to include the triggered sensor and the sensor that has been continuously triggered.)

1.8 Siren Pause
In arm status,when system stop alarming ,except press " "button to disarm the system ,also can press any buttons on remote to stop the alarm ,and then the system can return back to the previous status

1.9 Disarm
In Sound/Flash arm status, press the " "button once shortly ,then open the car door,then the indicator on the brain unit will flash twice,and then the brain unit will chirp twice ,then the system will exit the arm system and be disarmed.
Note:In silent arm status, when disarm the system ,the siren will not chirp,others

will be the same with sound/flash status.

1.10 Remote trunk release
When engine is cut off, keep pressing the button " "and " " buttons simultaneously or keep pressing the " "button for one second or more to release the trunk (A trunk release motor must be fitted for this trunk) .
In arm status, the shock sensor will not be triggered to alarm,but side-door triggering,foot press triggering,and ACC triggering will make system to alarm.

1.11 Anti-hijacking
When driving, press the button " "once, the flash lights will flash 30 seconds(this is just the preparatory stage) , then press the " "button once within 30seconds, then enter into Anti-hijacking function ,theflash light will flash urgently, the siren will chirp loudly , the engine will be cut off automatically after 40 seconds ,only press the button " "can disarm.

1.12 Door opening flash lights setting（Optional）
Switch ACC to ON position, keep pressing the button for 2 seconds, the siren will chirp twice to set door open with flash lights function. Keep pressing the button " "for 2 seconds to cancel this function,and the siren will chirp once.
Note:Factory default setting is on

1.13 Emergency Disarm
When you lost your key or some other reasons that you can not disarm the system, owner can open the door with the car keys,and the system will alarm,car owner can press reset button 10times to disarm.When disarm ,the vehicle can engine start normally.

1.14 Alarm reminding and auto-alarm(Optional)
After parking and cutting off engine, the owner closed all side doors and left the car after 8 seconds, the flash light will flash three times to remind the owner to arm. If the owner still not arm the system ,the system will enter into silent arm status after 30s.The car door will not lock(can option lock or not lock)。

When set AUTO- Alarm on transmitter, press the button " " button,and without opening the door, pressing foot brake and switching ACC , it will return to arm status and lock.
Note: 1. If the system remind you to wait, the door is opening all the time or switched ACC to on position ever, Auto-Arm system will not work.2.If car doors was opened at one time, it will be Auto-Arm system once the car door closed.
(Note:Factory default setting is OFF)
＊Auto alarm option method＊： In disarm status,switch the car key to ON position, and press + the reset button for 2 seconds simultaneously.The siren will chirp for 2 times.The auto-arm system function is activated.And keep pressing the + the button for 2 seconds simultaneously ,the siren will chirp once.Then the auto-arm system function is cancelled.
(Note:The factory default setting is ON)

1.15 Reminding close the door
In arm status, if the door close improperly, the siren will chirp once and the flash light will gleam three times to remind the owner to close the door after 8s. Car owner should disarm first, and close the door and then set the system into arm status. If not close the door well after 45 seconds, the siren will chirp, the flash light will gleam simultaneously.The flash light will flash and siren will chirp if the car door still not closed properly after 45s.And if still not close the door within one cycle flash /sound alarm, then the main unit will stop alarming only disarm or close the door well or stop automatically after 4 minutes (Other triggers are still be in detect)

1.16 Re-arm(Anti-false disarm)
In arm status, if press the button " "to disarm but car door is not opened within 25 seconds. the system will rearm automatically by itself as it is regarded as false disarm. Siren will emit a sound in the flash/ light arm status , and it won't sound in silent arm status.
In arm status, press the button " "to disarm, if detect out the door opened in 0.5

seconds after being locked (the dome light will be lighted up). If detect out the ACC or footbrake is not triggered within 45 seconds, the system will regarded it as false disarm and return to previous arm status automatically.

1.17 Central door locking automation
Driving for 15 seconds then pressing the footbrake, the central door locking system will lock automatically; While the system will unlock automatically when the engine is cut off.
If the car door not closed well, after driving for 15s if press the footbrake ,the main unit will remind the driver with a sound "DU" and flash light will gleam once. The system will not lock the door if the door not closed well at this moment. After another 15s press the foot brake ,main unit will also emit a sound "du"once, and the flash light will gleam once at the same time. When close the door well and press the foot brake after 15s, the central door lock will lock automatically.
When driving: Press the button " " will lock the car, and press the button " "will unlock the car.

1.18 Remote engine start
In arm status,press the button" "for at least 3s to emit the engine start signal.It should be operated in neutral position and hold the brake.Indicator will gleam once,siren will chirp once,after 0.5s,ACC,ON1,ON2 will output .And after 3s,and when exit ACC ,engine ignition will be 0.8s.If ignition successful,flash lights will flash.And it will flash all the time and flash once a second .When engine start succesfully ,it will exit after 12mins
If can not engine start successfully ,ACC,ON1,ON2 will stop output after 3s,and ACC,ON1,ON2 will output again after 2s.And after 5s,and when exit ACC ,ignition will be 1.2s.If engine start successfully,flash lights will flash.And it will flash all the time and flash once a second .If the engine start still not successfully,the ignition time will extend to 1.7s
A.There is only one start cycle (that is,total three times) for each operation to engine start. If the start is not successful after three times, you need to restart the

operation;If it is failed to start the engine,the system will return to previous arm status.
B.During the engine start process, press and hold the " " button on the remote control for more than 3s to send out a engine cut-off signal, then exit the engine start mode and return to the previous arm status (shock sensor will not work within 5s);
C.During the engine start process, if you need to drive the car, press the " " button on the remote control first to unlock the door, and the car key must switch to the ACC to ON position within 30 seconds, otherwise it will return to the previous arm state;
D.If the start is unsuccessful, the brain unit will return to the previous arm state;
E.If the handbrake is not activated, the brain unit will not allow to start with the remote, the siren will chirp three times, the flash light will flash three times, and it will return back to the previous arm state;
F.When you need remote start your car,please ensure that the gear is put in Neutral the handbrake must be pulled up. Otherwise, the company will not be liable for any accidents caused by a car crash; Cannot remote engine start when in disarm status

1.19 Timer Engine Start
If the car owner doesn't know where is the car:
Keep pressing the button " "for 2s, the siren will chirp for 10s at the moment,and the flash light will gleam at the same time. Remind owner the car position with sound/ flash.
Keep pressing the button " "for 2s, the flash light will flash for 10s but without siren chirping. Remind owner with only flash.
Tap the button once,the siren will chirp for 10s at the moment,and the flash light will flash at the same time. Remind owner the car position with sound/ flash.
Note:No matter the main unit remind with sound / flash or flash, press any button will stop car reminding.

1.20 Power off memory
In case the system is powered off, the setting status will be recovery once powered on.

1.21 Window roll up automation
When in arm status, the system will enter into flash/sound arm status or silent arm status, electric window lifting switch output the window lifting signal for 20s.

1.22 LED Indicator
In arm status, LED light will blink 2 times every 2s to remind the owner and warn others that the car is in arm status. If the alarm is triggered by hit or microwave, the LED will gleam quickly and constantly when it is alarming. The LED will gleam 4 times every 2s after the alarming. It will stop until disarm and turn ACC to on position to remind the owner of alarm being triggered before. If alarm system is triggered by door opening, ACC ON ,or foot brake pressing, the LED light will gleam quickly and continuously until disarm and switch ACC to ON position.

1.23 Triggering Memory
In arm status, if the system triggered to alarm, the triggering information would be recorded. When disarm and open the door, the main unit will emit a sound to remind car owner to check the car since the alarm was triggered. Turn ACC to ON, the LED light will stop gleam.
A.Alarm triggered by shock, to remind the car owner, the siren will sound like "Du-Du" twice .The siren will not chirp if it is in the silent arm status. LED light will gleam 4 times every 2s to remind the owner of alarm being triggered by hit and to check the vehicle.Turn ACC to ON position, LED light will stop gleam.
B.Alarm triggered by side door openning , ACC, foot brake ,to remind the car owner, the siren sound "Du-Du-Du-Du" for four times, LED light will gleam continuously to remind any triggering happened, and should check the car status.The LED indicator will stop gleaming after switching the ACC to ON position.

When system disarm , the car owner opens the door first time,the triggering memory will remind the car owner that the alarm system was triggered. Then swich ACC to ON position, the alarm memory information will be automatically cleared (when the Acc is not swiched to ON posititon, an alarm will be triggered when the side door is opened twice, and then it will be cleared, but the LED indicator will not be cleared).

1.24 Valet/service mode
Switch ACC to the ON position, keep pressing " " button for 2s ,then press the button within 5s, a sound "Bi" from siren remind the valet mode has been activated, and the LED indicator will be on all the time.In valet mode, then keep pressing "setting" button for 2 seconds ,the siren will chirp 2 times, LED indicator will off to remind valet mode has been exited successfully. (When the valet mode is activated ,the transmitter can open or close the door, no matter if the ACC switch on or not. If use transmitter to release the trunk, other functions will be shield)
2.Switch ACC to the ON position, press reset button for 5 times , the siren will chirp once the LED indicator will be on all the time to remind the owner the valet mode is activated succefully.In valet mode,press reset button 5 times, the siren will chirp 2 times,the LED indicator will be off to remind valet mode has been exited successfully.((When the valet mode is activated ,the transmitter can open or close the door, no matter if the ACC switch on or not. If use transmitter to release the trunk, other functions will be shield)
(Note:The factory default setting is OFF)

1.25 Door detecting and dome light delay
1.When press the button to enter into arm status, if detected the side door closed improperly, the system will remind every 8s. If detected the door still not close well, the system will remain detecting till 45s. After 45s, it will alarm directly if the door still closed improperly. If detected the door closed well at any time within 8s to 45s, the system will enter into arm mode. The prompt is just limited to the first 8 seconds only, and 9 to 45 seconds won't remind.

2.Press unlock button in auto-arm status, the system will detect for 0.5s. If a signal output from the side door (the system can identify if the car is fitted with dome light), will enter into arm status after 45s. If there is no signal output from the side door, the system will identify that there is no dome light function. After 25 seconds, the system will enter into the arm status .

1.26 Remote Code learning
Method1: Keep pressing the footbrake,and switch the key to ON position for 8 times.Then keep it in ON position in the eighth and do not take off the key. The flash light will light on all the time and tap any button on the first remote within 10s, the siren will emit a"du" sound ,that means the first transmitter code learning is successful;And then press any button on the second remote, the siren will emit "du" sound twice,that means the second remote code learning is successful.Then take off the key after learning code successfully.
Method 2: Keep pressing the code learning button for 2 seconds, flash light will light on. Then press any button on the first transmitter, and the siren will emit a "du" sound once. That means the code learning for the first transmitter is successful. Press any button on the second transmitter within 10s, the siren emit a"du" sound 2 times, that means the second transmitter code learning is successful. After learning or over 10s the system will exit the learning code mode automatically. One unit only can match four transmitters at most.

1.27 Horn Siren/Electronic Siren option
If choose electronic siren with JP7"-",siren will keep chirping
If choose Horn siren with JP7 "+" ,siren will chirp intermittently
Factory default setting is"-" ,Electronic siren

1.28 Flash light Option
If choose JP2 jumper"+", the system only detect the orginal central door lock signal,not detect the flash light signal
If choose JP2 jumper"-", system will detect the central door lock signal and the flash light signal at the same time.
Factory default setting is"-"

1.29.Central Door Locking Signal Positive/Negative for Option
If choose JP3 jumper"+",the central door locking input signal should be positive.4
If choose JP3 jumper"-",the central door locking input signal should be Negative.4
Factory default setting is"+"

1.30.Central Door unlocking Signal Positive/Negative Option
If choose JP1 jumper"+",unlock input signal should be positive.4
If choose JP1 jumper"-",unlock input signal should be Negative.4
Factory default setting is"+"

1.31.Trunk release output positive/Negative option
If choose JP5 jumper"+",trunk release signal should be positive
If choose JP5 jumper"-",trunk release signal should be Negative.4
Factory default setting is"+"

1.32.Siren onput positive/Negative option
If choose JP6 jumper"+",siren input signal should be positive
If choose JP6 jumper"-",unlock input signal should be Negative.4
Factory default setting is"+"

1.33 Electronic/Pneumatic Central Lock Option: Electronic/Pneumatic Central Lock Option:
When choose JP4 jumper"-", if press " "and " "button, lock or unlock output time is 0.5s.It should be used in car with electronic lock
When choose JP4 jumper"+", if press " "and " "button, lock or unlock output time is 3.5 s.It should be used in car with pneumatic lock
Factory default is electronic lock, JP4 jumper"-"

1.34 Headlamp automatic sensoring:
Headlamp automatic sensoring(optional)
A. Automatic Headlamp sensoring:
When the automatic headlamp sensor switch is ON, When the car key is switched to the ON position, and the headlamp will be on automatically when the car drives in night, a tunnel, garage, or other dark environments.
B.Headlamp delay off function:
When the headlamp sensoring switch is ON,car flameout(car key can switch to OFF position),when the car headlamp will be OFF after 20s.
C.Low Beam &High Beam Automatic switch function:
When the headlamp sensoring switch is ON, switch the car key to ON position ,the low beam will be on automatically,and when in dark night the high beam will be on automatically to avoid wasting electronic power
D. Headlamp light onwh:
When the automatic headlamp sensor switch is ON,when you press disarm button in the dark night,the headlamp will light on for 20s ,so that you can find your car easily in dark place.

brain unit add engine start function:
Smart engine start push button(optional)
1.Tap the remote" Disarm" button after 30s,press foot brake and then press the push button once, then the car will engine start, if the car engine start successfully,the light in purple color on the push button will light on,then car owner can drive the car normally;If you can not engine start successfully,the car owner can start for the second time, and third time,and the time will be longer.
2.There is three times as a process for the engine start, if the three times are not successful, the owner can continue to start, but the start mode always keeps the third ignition mode.
3.When parked the car,pull up the handbrake or press the footbrake,then

press the push button once,the light on the push button will be off.

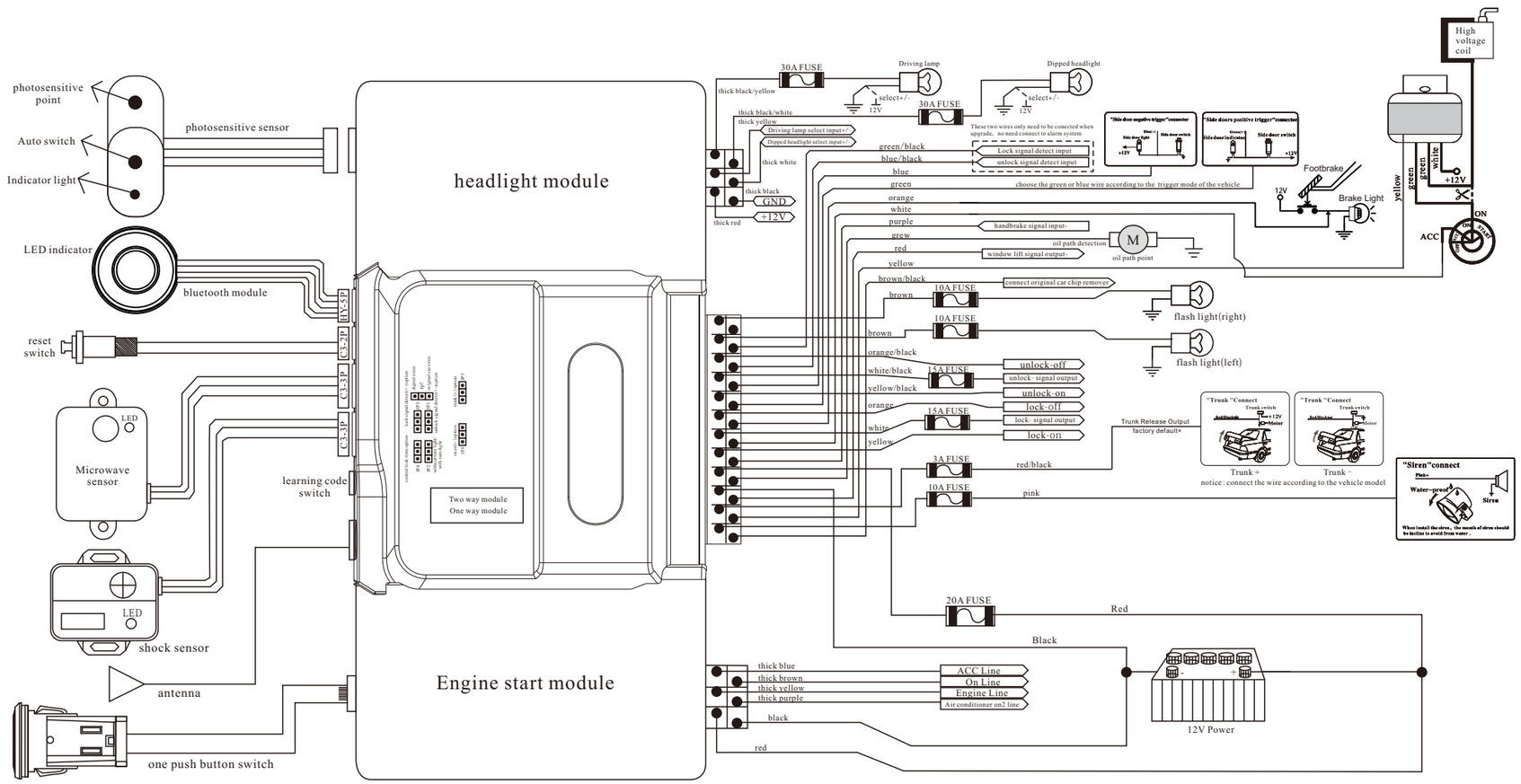
Push button engine start precaution :

1.If need to use push button to engine start the car ,have to press the footbrake and press the push button to remote start the car.
2.If press “Disarm”button over 30s,push button can not work
3.When driving, the brain unit detected the signal ,if do not pull up the handbrake or press the footbrake,then push button will not work.
4.In arm status,disarm then open the door within 30s,The system will limit start time from the timing when the door is opened.
5.Emergency engine flameout: To prevent the handbrake button broken, keep pressing the push start button for 5 seconds to flameout.

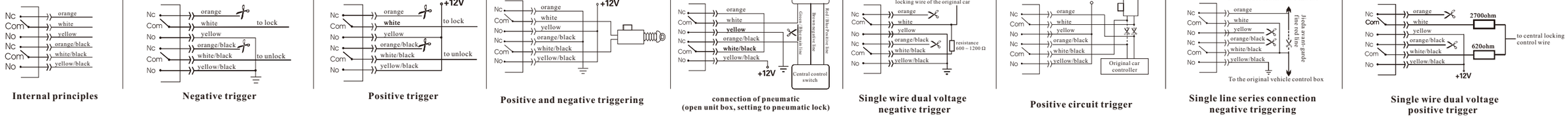
Products technical parameters：

1.Working voltage:9~15V
2.Load current: central door clock:15A;Flash light:10A;
Siren :10A,Trunk:10A:
Engine start:30A;ACC:30A;ON1:30A ON2:30A;High beam:30A;Low beam:30A
Flameout negative signal:-250mA;Window rolling up negative signal:-250mA
3.Quiescent Current:≦30mA
4.Working frequency: 433.92MHz
5.Working temperature:-40℃~85℃

Wiring Diagram



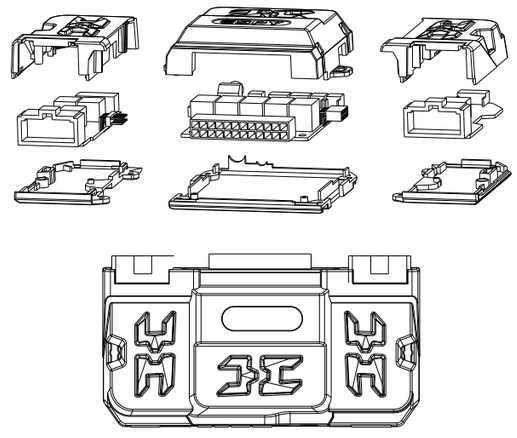
Central Door Lock Wiring Diagram



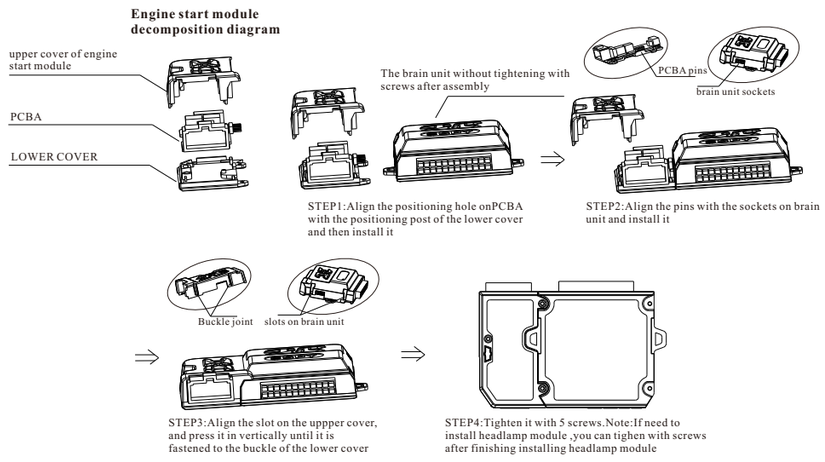
Internal principles | Negative trigger | Positive trigger | Positive and negative triggering | connection of pneumatic (open unit box, setting to pneumatic lock) | Single wire dual voltage negative trigger | Positive circuit trigger | Single line series connection negative triggering | Single wire dual voltage positive trigger

Product Structure

Engine start module | Host module | Headlamp module



Brain Unit+Push button engine start module assembly schematic



Brain unit+Headlamp module assembly schematic

