

**10월 7일 4차 교정본**

**Model A-2000**

**TWO-WAY COMMUNICATION  
REMOTE CONTROL CAR STARTER  
with ALARM SYSTEM**

**INSTALLATION MANUAL**

**This Unit is Intended For Installation In Vehicle With  
12 Volt Negative Ground Electrical systems,  
Gasoline Engines, And Automatic Transmission Only.**

**Technical Support  
1-800-835-3228  
[www.televideo.com](http://www.televideo.com)**

## **1 Before Installation**

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### **1-1. Contents of Components**

- 1 Main Control Module
- 1 Communication Module
  - 1 Antenna
  - 1 Spring Clip
  - 1 Velcro Tape
- 1 Remote Transmitter
- 1 Siren
- 1 Shock Sensor(Dual)
- 1 Harness Wires
  - 1 P6 Wire
  - 1 P3 Wire
  - 1 P9 Wire
  - 1 P10 Wire
- Manual
  - 1 Use's Manual
  - 1 Installation Manual
- 1 Window Sticker
- 1 30/40 SPDT Relay
- Optional Accessories
  - Hood/Trunk Pinswitch
  - Bypass Transponder Kit

## 1-2. Points to remember before installation

- The system operates in DC12V. Make sure to verify ⊕ or ⊖ polarity before each wire connection.
- Check if each of the vehicle's components and accessories functions normally before wire connection, I.E., such as Starter Motor, Turn signal light bulbs, Dome light bulb, Heater, Air conditioner, Door locks, Power trunk release button and so on.
- Make sure to connect each wire firmly and protect the connected part of the wire properly with quality electrical tape to make it perfectly insulated. Never twist -and- tape the wires together without soldering.
- When connecting ⊖ Ground wire to the chassis of the vehicle, make sure to fasten the bolt tightly after connecting the wire firmly to the bare metal, preferably with a factory bolt rather than your own screw. (VERY IMPORTANT)
- Be careful not to make the cloth of wire peeled off from the friction with the chassis of the vehicle when pulling out the wires of Siren or Door locks etc. through the vehicle's frame.
- Be careful to keep the wiring neat and make it harder to find. Route the wires away from the Clutch, Brake or Accelerator pedal of the vehicle.
- Use a digital multimeter when locating each signal wire of the vehicle. However, use a test-lamp when locating TACH signal wire.
- Do not disconnect the battery if the vehicle has an anti-theft-coded radio.
- If the vehicle is equipped with an air bag, avoid disconnecting the battery if possible.
- Remove the Dome light fuse during installation. This will prevent accidental draining of the vehicle's battery.

## 1-3 Installation Process

For the best efficiency of the installation work, it's recommended to make wire connection from the farther places from the place where the Main Control Module is to be mounted. We strongly recommend to keep following installation process:

1. System set-up (Dip Switches, Loop wires)
2. Mounting of Siren or Horn
3. Installation of Power Door Locks
4. Each wire connection
5. Mounting of Shock Sensor
6. Mounting of Communication Module
7. ⊖ Ground connection to the chassis
8. Wire connection of Communication Module
9. Wire connection of Main Control Module to the P6 wire.
10. Wire connection of Shock Sensor to the Main Control Module
11. Connection of each P3, P9 and P10 wire to the connector of Main Control Module.
12. Dealer's programming
13. User's programming
14. TACH Input
15. Adjusting the sensitivity of Proximity door unlock function



## 2] 6P Power wire

Starter wire (Ignition Key Cylinder)	
BAT 1	RED RED/ WHITE
BAT 2	WHITE
START	WHITE
IG1	YELLOW
ACC	BLUE
GND	BLACK

Locate the Starter wire where ⊕12V shows always on the multimeter regardless that the Ignition Key's position is turned 'On' or 'Off' and connect it to the wire.

Locate the wire where ⊕12V shows always on the multimeter only when the Starter Motor is running and connect it to the wire.

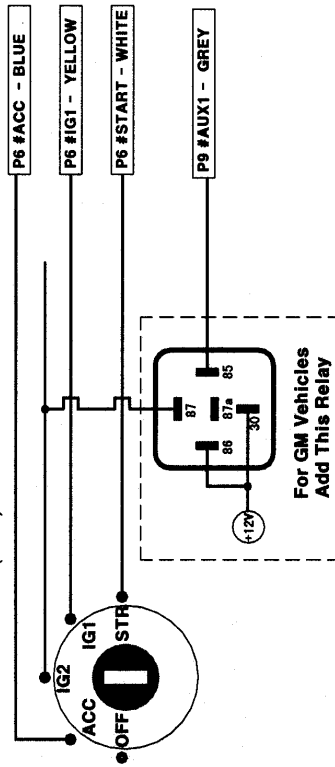
It is a power supply wire required for engine starting.  
Locate the wire where ⊕12V shows on the multimeter when the Starter Motor is running or when the Ignition Key is turned to the second turn position in the Key Cylinder and connect it to the wire.

The ACC wire usually controls heater and air conditioner.  
Locate the wire where ⊕12V shows on the multimeter when the Ignition Key is turned to the second turn position in the Key Cylinder and 2~ 3V shows on the multimeter when the Starter Motor is running.  
Connect it to the wire.(Connect to the Fuse for Blower Motor in the Fuse Box.)

It is chassis ground. Connect the wire firmly to the chassis of the vehicle.

■ Place the 30Amp Fuse, which connects the RED wire and RED/WHITE wire, at the spot where the users locate easily.

■ ⊕12V power wire for External Relay, Siren or other accessories etc. should be connected at the middle between Connector and the Fuse of RED(BAT1) wire or to the RED/WHITE(BAT2) wire.



## 3] P3 Signal Wire

### 3-1. Trunk Release - Orange wire

For the vehicles with Power Trunk, the trunk shall be released when the ⊕ signal is supplied to the Solenoid valve.

- Locate the trunk release wire on the trunk/hatch release button which shows ⊕12V when the button is pressed.
- Connect the trunk release output wire(Orange-Trunk label)
- **How to locate the wire:**  
Verify if ⊕12V is read on the multimeter when pressing the trunk release button.

### 3-2. Turn signal light - Yellow wire

When the Turn signal lever is turned to right or left, ⊕ electric current is supplied to make each Turn Signal Light flashes.

Connect the wire of the left Turn Signal Light to the wire(Yellow- LIGHT-L label) and the wire of the right Turn Signal Light to the wire(Yellow- LIGHT-R label)

\* **Never connect to the wire of the Emergency Lights.( IMPORTANT!)**

- **How to locate the wire:**  
⊕12V repeats showing in turn on the multimeter when you turn the Turn signal lever to right or left in turn with the Ignition Key turned to 'ON' position.



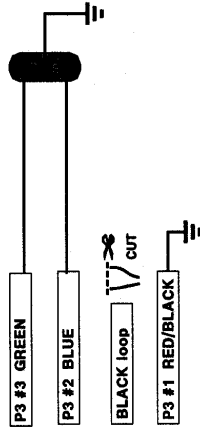
#### 4 P9 Wire

##### 4-1. Power Door Locks - Blue, Green, Red/Black, Black loop wire

To make the remote or programmed engine start function work, connect wires as following articles according to each different door-lock system structure of different vehicle types.

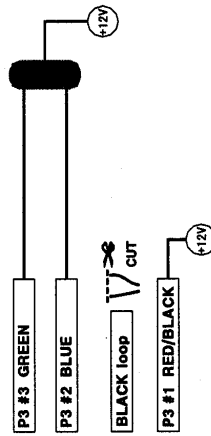
##### (A). For vehicles with $\ominus$ output system

- If the vehicle is of  $\ominus$  output signal system and the door-lock relay is factory-installed ;
1. Connect GREEN(UNLOCK label) wire to the lock signal wire of the door lock system and connect BLUE(LOCK label) wire to the unlock signal wire of the door lock system.
  2. Ground the RED/BLACK(DL-POWER label) wire to the chassis.
  3. Cut the BLACK 2P loop wire.



##### (B). For vehicles with $\oplus$ 12V output system

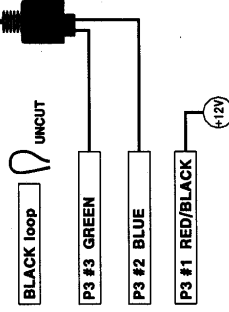
- If the vehicle is of  $\oplus$ 12V output signal system and the door-lock relay is factory-installed ;
1. Connect GREEN(UNLOCK label) wire to the lock signal wire of the door lock system and connect BLUE(LOCK label) wire to the unlock signal wire of the door lock system.
  2. Connect RED/BLACK(DL-POWER label) wire to  $\oplus$ 12V.
  3. Cut the BLACK 2P loop wire.



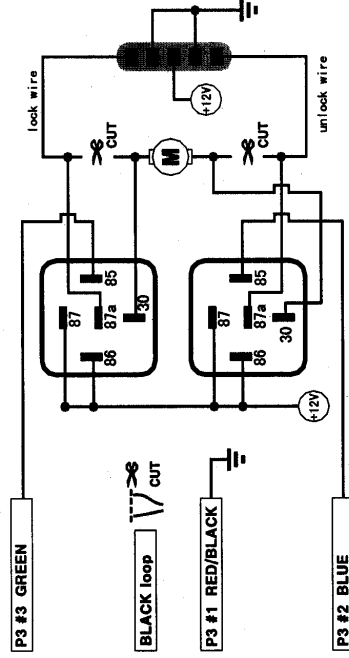
##### (C). For vehicles which require additional installation of Door Lock Actuator

For most vehicles which do not have factory-equipped central door lock system, Door Lock Actuators(Door Motors) should be installed additionally.

1. Install Door Lock Actuator inside the door trim of the driver's side door.
2. Connect BLUE(UNLOCK label) wire to the unlock signal output wire of the Door Lock Actuator and GREEN(LOCK label) wire to the lock signal output wire of the Door Lock Actuator.
3. Connect RED/BLACK(DL-POWER label) wire to  $\oplus$ 12V.
4. Uncut (leave INTACT) the BLACK 2P loop wire.



##### (E). For vehicles with $\oplus$ , $\ominus$ pulse signal

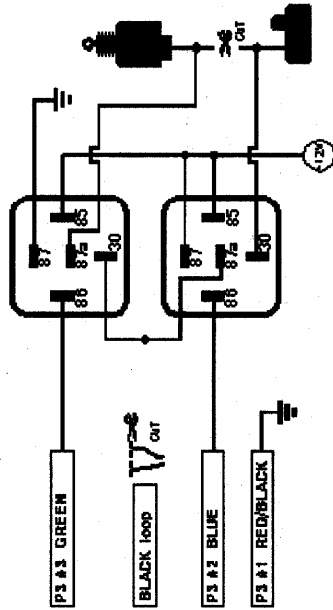






**(F).For vehicles with Vacuum Motor system**

1. Flip Dip switch No. 1 to downward (↓ ON).
2. Ground RED/BLACK(DL-POWER label) wire to the chassis.
3. Cut the BLACK 2P loop wire.



**4-2. Wiring the 5-Auxiliary Output Harness**

The auxiliary 5 pin connector is Negative 출력선(300mA)입니다. 이 선들은 원격시동과 관련된 여러 차량별 특성을 고려한 예비 출력선 또는 실 내동 점동, 2단 도어Unlock등을 위한 용도로 사용할 수 있으며 배선 연결 후 Dealer Programming의 해당 표에 맞도록 세팅해 주시기 바랍니다.

**(A). AUX1 - Grey Wire : Pulsed Negative Output for IG2**

일부차량은 엔진이 가동되기 위한 조건으로 IG2에 별도의 Signal을 공급해 주어야 한다. 이런 차량은 AUX1 wire를 Ext. Relay를 통해 차량에 연결한 후 설치 차량의 특성에 맞추어 아래 2가지 중 하나를 선택하여 세팅한다.

- Step 1 : IG2 pulses at the same time IG1 output.  
 Step 2 : IG2 pulses at the same time IG1 output but except during crank.

**(B). AUX2 - White Wire : Pulsed Negative Output for Domeight or During the Cranking - Need Ext. Relay**

1. 승차전에 실내등의 점등에 필요한 출력선이다. Fig. 5-4에 따라 연결
2. 엔진시동을 걸 때(During Crank) 플러저 또는 브레이크를 밟아야 시동이 걸리는 차량의 경우 Ext. Relay를 통해 연결

Step 1 :

- Mode 1 : Domeight pluses for driver exits vehicle.
- Mode 2 : Domeight pluses for driver entry vehicle.
- Mode 3 : Both of the above.

Step 2 : Pulse during the crank

**(C). AUX3 - Violet Wire : Pulsed Negative Output for Two stage Unlock or Bypass Trasponder(BMW etc.)**

1. 2-Stage Door Unlock 기능을 사용하는 차량은 운전석 이외의 도어록에 연결
2. Bypass Transponder Kits를 설치해야되는 차량을 위한 출력 (- IG ON 시부터 ACC ON이 될 때까지 계속 출력된다)

Step 1 : Pulse from BUTTON T transmission.

Step 2 : Bypass Transponder Pulses during start

**(D). AUX4 - White/Blue wire : Pulsed Negative Output for Disarm or Throttle Solenoid - Need Ext. Relay**

Anti-Theft 시스템이 설치된 차량의 -Factory Alarm을 해제하기 위한 출력선으로 연결 후 아래 2가지 모드들 P1-8에 따라 선택한다.

1. 원격시동 시에 Factory Alarm을 Disarm시키기 위한 출력으로 사용하는 경우
2. Throttle Solenoid를 열어주어야 시동이 되는 차량을 위한 출력선

Step 1 :

- Mode 1 : Pulse from Button A transmission until crank
- Mode 2 : 1 second pulse upon BUTTON A transmission.

Step 2 : Throttle pulses to activate a carburetor solenoid upon BUTTON E transmission.



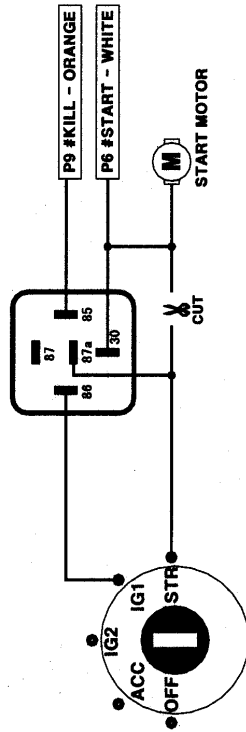
**(E). AUX5 - Brown wire : Pulsed Negative Output for Rearm or CH3.**

1. 원격시동 중 또는 시동이 끝난 후 Rearm 시켜주는 출력선
2. Window Roll-up 또는 Sliding Door를 구동시키기 위한 출력선으로 별도의 모듈이 필요하다.

Step 1 :  
 Mode 1 : 1 second pulse 2 seconds following engine crank.  
 Mode 2 : 1 second pulse 5 seconds following engine shutdown.  
 Mode 3 : Both of the above.  
 Step 2 : Pulse from BUTTON PROG + E transmission.

**4-3. Start Disable - Orange wire**

1. Locate the Starter wire. The Starter wire supplies +12V to starter motor during vehicle start/crank.
2. Cut the Starter wire. Use External Relay to connect as shown. Connect the Starter Interrupt output Orange(KILL label) wire to pin 85 of the relay. Connect the Start (White) wire and pin 30 of the relay to the Motor side of the Starter wire. Connect pin 87a of the relay to the key side of the Starter wire.
3. Connect the Ignition 1(blue) wire and 86 of the Starter Interrupt relay to the Ignition 1 wire of the vehicle.



**5 P10 Wire**

**5-1. Key-in Signal - Pink wire**

It is the wire that senses the Ignition Key whether it is put into or pulled off from the Key Cylinder. Connect the wire to the Pink(KEY-IN label) wire.

For the vehicles which does not have a Key sensing wire, connect the wire to ACC output wire of the vehicle.

■ How to locate the wire:

Locate a wire that shows ⊕12V on the multimeter when the Ignition Key is put into the Key Lock position in the Key Cylinder.

■ KEY signal wire connection for the vehicles without KEY signal

For the vehicles without KEY output, locate the lamp which shall be lit on inside the Key Cylinder when the Ignition Key is put into the Key Cylinder and connect the KEY sensing wire to the lamp wire.

**5-2. Tach Sensor or Oil Sensor - Grey/Black Wire**

■ Tach Sensor



1. Make sure the Dip switch #1 is OFF (upward position.)
2. Locate the Tach wire(usually at coil, distributor, and DIS module).
3. Connect the Tach input Grey/Black(TACH Label) wire to the Tach wire of the vehicle.

■ TACH learning method

After connecting to TACH, the RPM value while the Starter Motor is running, which may differ from depending on the vehicle types, should be memorized to the System.

1. Enter Valet Mode.(LED lamp stays turned on)
  2. Running Engine by Key.
  3. Press and E Button 3 times ( one chirp sound)
  4. Exit Valet mode.
- \* 시동 후 엔진 RPM이 정상으로 돌아온 뒤 (엔진 WARM-UP 후) 입력할 것.

■ Oil Sensor

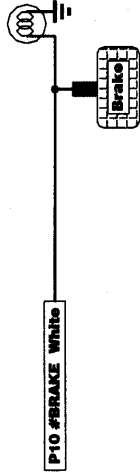


1. Make sure the Dip switch #1 is ON(downward position)
2. Locate the oil sensor wire. Oil sensor wire is normally at ground or +3V to +6V. When engine starts this wire becomes +12V.(Sometimes at distributor coil, you can find a wire which act like oil sensor wire.)
3. Connect the Tach input Grey/Black(TACH Label) wire to the oil sensor wire of the vehicle.



### 5-3. Brake Switch -White Wire

The White wire provides an instant shutdown for the Remote Start Control module whenever it gets +12 volts. If the Brake lights switch in the vehicle switches +12 volts to the brake light circuit, connect the Brown w/ Black trace wire to the output side of the brake switch. This will allow the Remote Start to shut down if an attempt is made to operate the vehicle without the key while running under the control of the Remote Start. In most vehicles, in order to shift into gear, the brake pedal must be depressed. The brake input will in turn cause the remote start unit to shut off. See detail in the following diagram for wiring the brake light circuit.



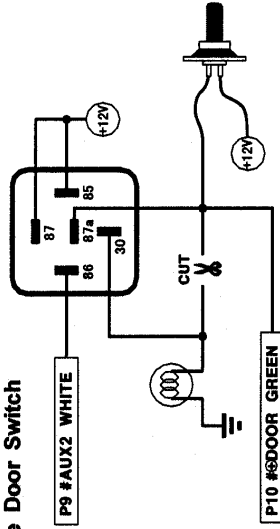
### 5-4. Door Trigger and Interior Light - Gray, Blue wire

There are two types of Door switch Circuits:

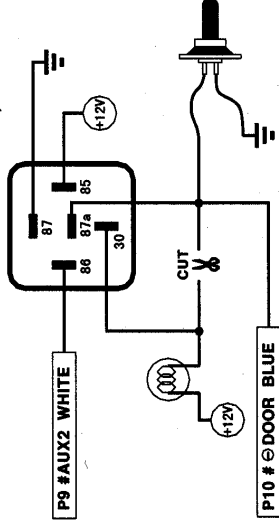
Grounding(-12V) - Typical GM, Chrysler, and Import types.  
Positive (+12V) - Typical Ford type.

1. Determine circuit type by exposing the dome light switch and using Volt/Ohm meter(or test light).
2. Connect to trigger input(+or - depending on circuit type) at the connection point.
3. Connect the interior light output, Gray, using External Relay as shown.

### ■ Negative Door Switch



### ■ Positive Door Switch



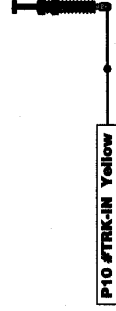
### 5-5. Glow Plug - Orange wire

Aladdin incorporates a wire, which, when connected to the glow plugs on a diesel vehicle, prevents Aladdin from cranking vehicle until after glow plugs shut down

This wire requires programming. It must be connected to a positive input which disappears when glow plugs shut down. If vehicle is not a diesel engine type, do not connect this wire. It must not contact 12 Volts or ground!!

### 5-6. Trunk Pin Switch - Yellow wire

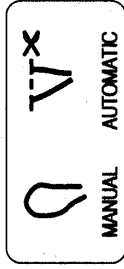
This is the instant on ground trigger input wire. This wire must be connected to the Trunk pin switches previously installed.





**5-9. Set-up for each Automatic/Manual transmission type vehicle (BROWN loop wire)**

Uncut (leave intact) the BROWN loop wire for the vehicles of manual transmission and cut the BROWN loop wire for the automatic transmission.



(TO LEAVE INTACT THE LOOP WIRE FOR THE VEHICLES WITH MANUAL TRANSMISSION IS EXTREMELY IMPORTANT FOR THE SAFETY OF THE VEHICLES ! )

## 6 Installation of components

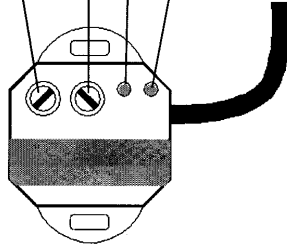
### 6-1. Shock Sensor

One of the most important factor to maximize its performance is to decide where to mount the Shock Sensor.

The Shock Sensor should be firmly mounted on the frame of the vehicle's body. We recommend mounting it on the trim panel near the bottom area of the driver's seat so that the Shock Sensor respond to the external impact as correctly as possible. Or, you can mount it inside vehicle's trunk.

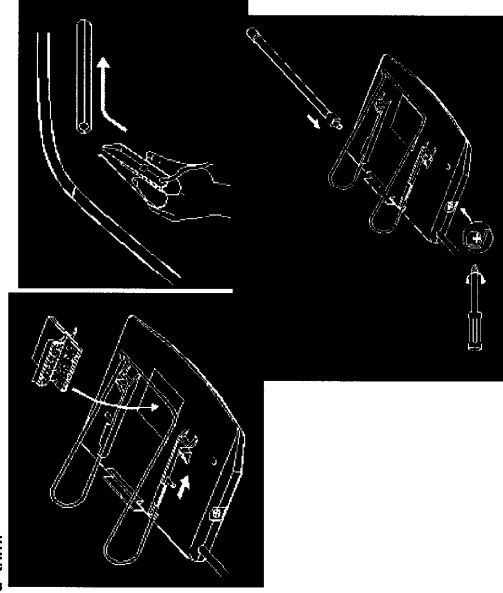
After installation, adjust the sensitivity to its optimum level with a (-) screw driver while testing the strength by applying impact to the several different part of the vehicle's body.

1. Black nut turn clockwise.
  - Both stage ( stage 1 & stage 2 ) become sensitivity goes sharp
2. Black nut turn counter-clockwise.
  - Both stage ( stage 1 & stage 2 ) become sensitivity goes dull
3. After adjust stage 1 to prompt sensitivity.
  - User must adjust stage 2 along. (Gray nut)
4. Gray nut turn clockwise.
  - Stage 2 more sensitivity goes sharp. When user feel stage 2 not easy to response, turn clockwise until satisfy.
5. Gray nut turn counter-clockwise.
  - Stage 2 less sensitivity goes dull. When user feel stage 1 and 2 too close, always hit stage 2, user turn counter-clockwise to prompt position.



### 6-2. Mounting of Communication Module & Transmission range adjustment of Proximity door unlock feature

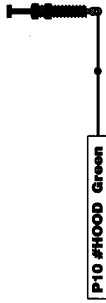
1. Attach one side of supplied velcro tape to the window blind. Another side is to be attached to the square engraved part of the Communication Module after clipping the Module to the window blind.
2. Insert the clip-spring to the grooves at the bottom part of the Communication Module.
3. With the clip, mount the Communication Module to the window blind.
4. Fix the supplied Antenna to the hole at the right side of the Module.
5. After mounting it, set an optimum range of activating the Proximity door unlock function to around less than 1m radius by turning a tuning screw at the left side of the Module.
6. Hide the wire by carefully pushing it inside the space of the front window's mold trim.





### 5-7. Hood Pin Switch - Green wire

For safety purpose, install a pin switch at the hood. Make sure hood pin switch sends a good solid ground every time hood is opened. Connect to hood trigger input as shown.



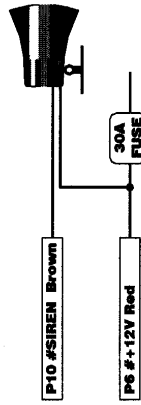
### 5-8. AUX. Input - Violet wire

예약시동 타이머(예, RADIDS)등 외부의 시동모터를 설치하기 위한 예비용 입력신호선이다.

### 5-9. Siren or Horn - Brown wire

The system is connectable either to the vehicle's Horn or to the Siren.

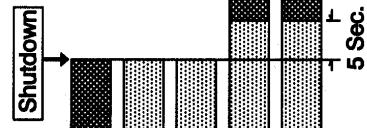
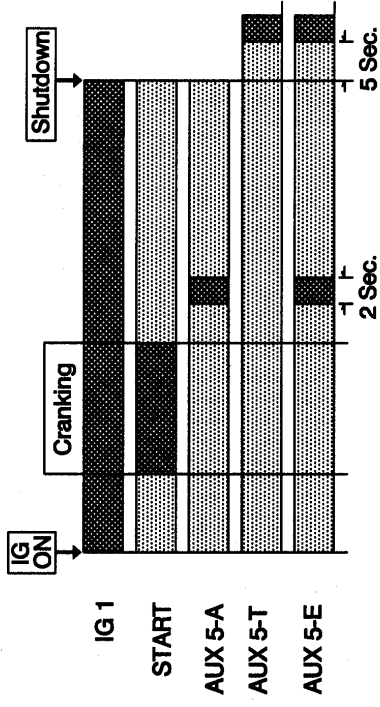
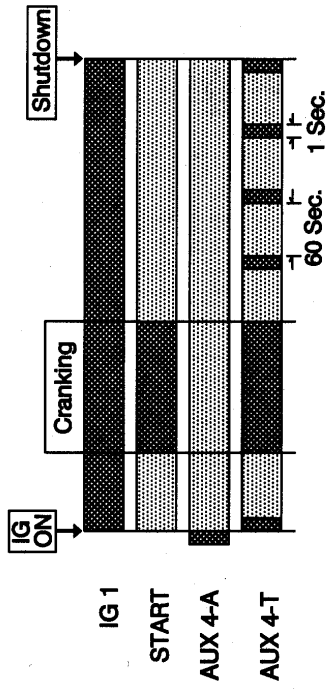
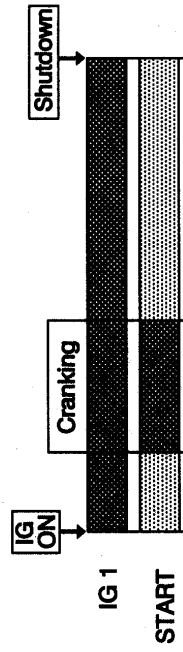
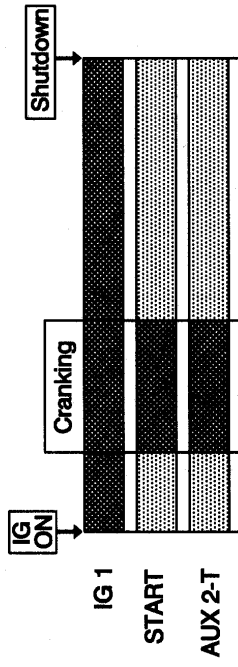
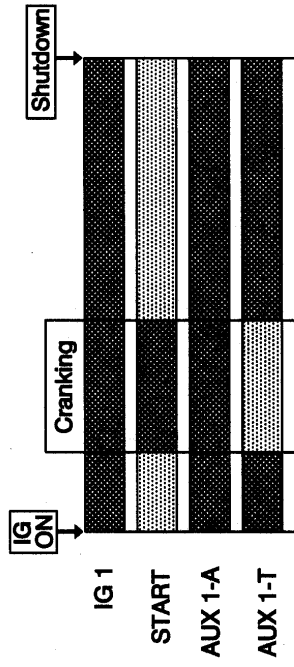
For the Siren, mount the Siren inside an appropriate spot in the engine compartment first. Connected at the middle between Connector and the Fuse of P6 Red(BAT, +12V) wire or to the RED/WHITE(BAT2) wire. Brown wire of the Siren to the P10 Brown(SIREN) wire.



## Dealer Program Table

	Button A	Button T	Button E
1	Door Lock / Unlock Pulse 0.75 seconds	3 seconds	Dual Unlock Pulses (0.75 Sec.)
2	Door Re-Lock after startup ON	OFF	
3	Door Re-Lock after Shutdown ON	OFF	
4	AUX1 - IG2 Pulse Same IG1	Same IG1 except during Crank	
5	Mode of AUX2 Domelight	Negative Pulse During Cranking	
6	Domelight Activation After Arming	After Disarming	Both
7	Mode of AUX3 Two Stage Unlock	Bypass Transponder	
8	Mode of AUX4 Pulse of Disarm	Throttle Solenoid	
9	Type of AUX5 Pulse of Re-arm	CH3	
10	AUX5 - Re-arm Pulse After Cranking	After Shutdown	Both
1	Glow Plug Mode (For Diesel) ON	OFF	
2	Adjust Cranking Time	Button A ← Down, Button T → Up	
3	Maximum Crank Time	① 2 sec. ② 4 sec. ③ 6 sec. ④ 8 sec.	
4	Cranking Delay Time	① 2 sec. ② 5 sec. ③ 10 sec. ④ 15 sec. ⑤ 20 sec.	
5	ACC ON Delay Time	① 0 sec. ② 5 sec. ③ 30 sec. ④ 1 min. ⑤ 3 min. ⑥ 5 min.	
1	Security Key (For Disarm)	1st No. (1 - 9)	2nd No. (1 - 9) Setting
2	Code Program	New Remote	
3	Code Erase	Don't Press the Button	
4	Reset to Factory Setting	Factory Default	







## ENTERING PROGRAMMING MODE

Programming is activated by entering into PROGRAM MODE and pressing PROGRAM BUTTON or BUTTONS A or T or E on transmitter in specific sequences. There is a CHANNEL 1 programming sequence (11 steps), which must be followed by a CHANNEL 2 programming sequence (5 steps) and CHANNEL 3 programming sequence (3 steps). BEFORE PROGRAMMING FOR THE FIRST TIME, VALET MODE REQUIRED

Emergency Disarm or Valet Mode required two SECURITY KEYS. These security keys can be customized to ensure personalized security (Factory Default Setting 33)

## VALET MODE

( Example – Security Key : 33 ) .

Step 1 : Insert ignition key into key cylinder



Step 2 : Turn key to ignition ON position. Engine must not be running



Step 3 : Press Program BUTTON 3 times. (Security Key #1 is 3)



Step 4 : Turn key to ignition OFF position.



Step 5 : Turn key to ignition ON position.



Step 6 : Press Program BUTTON 3 times. (Security Key #2 is 3)



Step 7 : Turn key to ignition ON position. One beep sound

Step 8 : Goes into VALET MODE & PROGRAMMING MODE

## CHANNEL 1 PROGRAMMING MODE

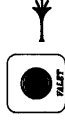
Step 1 : Insert ignition key into key cylinder



Step 2 : Turn key to ignition ON position. Engine must not be running



Step 3 : Press and release Program BUTTON one time (Channel 1)



Step 4 : Within 2 seconds, Press and hold Program BUTTON one time. Longer one beep and shorter 3 beep sounds



Step 5 : Within 10 seconds, Press and release Program BUTTON 1 to 11 times to change a feature listed in program table.



Step 6 : Depress BRAKE PEDAL. One beep sound.



Step 7 : After selecting a function to program, Press and release transmitter BUTTON A, T, or E to select desired feature.



Step 8 : Turn ignition key OFF. One longer beep. Finish programmed



## CHANNEL 2 PROGRAMMING MODE

(Example, P2-2 Adjust Cranking Time)

Step 1 : Insert ignition key into key cylinder

Step 2 : Turn key to ignition ON position. Engine must not be running

Step 3 : Press and release Program BUTTON two times (Channel 2)

Step 4 : Within 2 seconds, Press and hold Program BUTTON one time.  
Longer one beep and shorter 3 beep sounds

Step 5 : Within 10 seconds, Press and release Program BUTTON two times. (Step 2)

Step 6 : Depress BRAKE PEDAL. One beep sound.

Step 7 : A버튼을 누를 때마다 Cranking time이 짧은 방향으로  
T 버튼을 누르면 긴 방향으로 이동한다.

Step 8 : Turn ignition key OFF. One longer beep. Finish programmed

## CHANNEL 3 PROGRAMMING MODE

Step 1 : Insert ignition key into key cylinder

Step 2 : Turn key to ignition ON position. Engine must not be running

Step 3 : Press and release Program BUTTON three times  
(Channel P3)

Step 4 : Within 2 seconds, Press and hold Program BUTTON one time.  
Longer one beep and shorter 3 beep sounds

Step 5 : Within 10 seconds, Press and release Program BUTTON 1 to  
10 times to change a feature listed in program table.

Step 6 : Depress BRAKE PEDAL. One beep sound.

Step 7 : After selecting a function to program, Press and release  
transmitter BUTTON A, T, or E to select desired feature.

Step 8 : Turn ignition key OFF. One longer beep. Finish programmed







**(Example, P3-1 Change Security Key- New No. 53)**

- Step 1 : Insert ignition key into key cylinder
- Step 2 : Turn key to ignition ON position. Engine must not be running
- Step 3 : Press and release Program BUTTON three times  
(Channel P3)
- Step 4 : Within 2 seconds, Press and hold Program BUTTON one time.  
Longer one beep and shorter 3 beep sounds
- Step 5 : Within 10 seconds, Press and release Program BUTTON one time. (Step 1)
- Step 6 : Depress BRAKE PEDAL. One beep sound.
- Step 7 : Press and release transmitter BUTTON A 5 times.  
(Security Key 1st is 5)
- Step 8 : Press and release transmitter BUTTON T 3 times.  
(Security Key 2nd is 3)
- Step 9 : Press and release transmitter BUTTON E one time.
- Step 10 : Turn ignition key OFF. One longer beep. Finish programmed

**(Example, P3-2 Code Programming, New and Add )**

The system is designed to memorize up to 3 Remote Transmitter at the same time. Following is the process of code-memorizing ;

- Step 1 : Insert ignition key into key cylinder
- Step 2 : Turn key to ignition ON position. Engine must not be running
- Step 3 : Press and release Program BUTTON three times  
(Channel P3)
- Step 4 : Within 2 seconds, Press and hold Program BUTTON one time.  
Longer one beep and shorter 3 beep sounds
- Step 5 : Within 10 seconds, Press and release Program BUTTON two times. (Step 2)
- Step 6 : Depress BRAKE PEDAL. One beep sound.
- Step 7 : Press and release transmitter BUTTON A one time.  
(New and Add 3 Transmitters max. )
- Step 8 : Turn ignition key OFF. One longer beep. Finish programmed

If one code was memorized, one long-one short beep sound shall be emitted from the vehicle. If two codes were memorized, one long-two short beep sounds and if three codes were memorized, one long-three short beep sounds shall be emitted from the vehicle.



### (Example, P3-3 Code Erase)

리모컨을 분실했을 때 기존 리모컨 코드를 전부 삭제해야 차량의 도난을 막을 수 있다. 삭제 후 P3-2.에 따라 새로운 리모컨의 코드를 입력한다.

Step 1 : Insert ignition key into key cylinder

Step 2 : Turn key to ignition ON position. Engine must not be running

Step 3 : Press and release Program BUTTON three times  
(Channel P3)

Step 4 : Within 2 seconds, Press and hold Program BUTTON one time.  
Longer one beep and shorter 3 beep sounds

Step 5 : Within 10 seconds, Press and release Program BUTTON three times. (Step 3)

Step 6 : Depress BRAKE PEDAL. One beep sound.

Step 7 : Turn ignition key OFF. One longer beep. Finish code erase.

### Example, P3-4 Reset to Factory Setting

Reset을 시키면 공장 출고시의 기본설정으로 돌아간다. 이후 Programm을 새로 해야한다.

Step 1 : Insert ignition key into key cylinder

Step 2 : Turn key to ignition ON position. Engine must not be running

Step 3 : Press and release Program BUTTON three times  
(Channel P3)

Step 4 : Within 2 seconds, Press and hold Program BUTTON one time.  
Longer one beep and shorter 3 beep sounds

Step 5 : Within 10 seconds, Press and release Program BUTTON four times. (Step 4)

Step 6 : Depress BRAKE PEDAL. One beep sound.

Step 7 : Press and release transmitter BUTTON A one time.

Step 8 : Turn ignition key OFF. One longer beep. Factory default mode.



## 프로그래밍 설정 모드

Wiring 후 지중 및 시동기의 상태에 의한 기능의 설정을 해 주어야 합니다. 프로그래밍 설정을 변경하려면 요보장지를 위해 부속 2번의 비탈버튼을 눌러야 합니다. (3초) 출고시의 비탈버튼은 3번입니다.

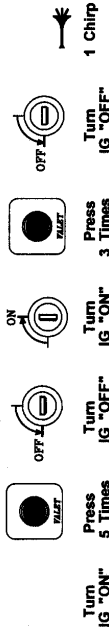
프로그래밍 설정은 1단계로 VALET(기능정제 모드)를 거쳐 2단계부터 설정모드로 들어가게 됩니다.

1단계는 VALET Mode가 작동되어 차지 비탈버튼 VALET Mode가 해제됩니다.

2단계인 프로그래밍 설정 모드에서는 차종별 프로그램 세팅, 비밀번호의 변경, 리모컨의 코드 입력, 초기화 작업등을 할 수 있습니다.

### 프로그래밍 설정모드 진입 1단계(비밀번호가 53인 경우)

1. Turn the Ignition Key to 'ON' position.
2. Press the program button 5 times.
3. Turn the Ignition Key to 'OFF' position.
4. Turn the Ignition Key to 'ON' position.
5. Press the program button 3 times.
6. Turn the Ignition Key to 'OFF' position with one chirp sound and the system goes into Valet mode.

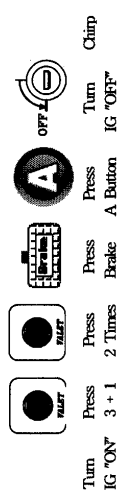


위 1단계를 거치면 "백" 소리가 1번만 VALET(기능정제 모드)로 진입합니다. 설차 번호와 "백" 소리가 2회와 함께 VALET에 빠져 줍니다.

프로그래밍 설정은 P1, P2, P3의 3단계로 나누어져 있으며 위 1단계 VALET Mode에서 시작됩니다.

### P1-1 Door Lock Unlock Pulse

1. Turn the Ignition Key to 'ON' position.
2. Press the program button one time and press 1 time hold down with longer chirp 1 time and shorter chirp 3 times.
3. Press the program button 1 times and press the brake pedal with one chirp.
4. Press A button to times.



### P3-1 비밀번호 변경 (출고시의 비밀번호는 33)

1. 프로그래밍 설정 진입 1단계(VALET 상태)에서 KEY를 "ON" 위치에 놓는다 - 10초 이내
2. 프로그래밍 버튼을 5회 누르고 3초 안에 2번 키를 4회 누른다.
  - 1번 -의 비밀번호 소리가 난다.
  - 2번 -의 비밀번호 소리가 난다.
3. 프로그래밍 버튼을 1번 누른 후 Brake를 1회 밟는다.
4. 리모컨 새버튼을 5회 누른다.
5. 리모컨 새버튼을 3회 누른다.
6. 리모컨 새버튼을 누른다.
7. KEY를 OFF시킨다.
  - 1번 -의 소리가 나며 입력이 완료된다.

### P3-2 리모컨 코드 입력

1. 프로그래밍 버튼을 2번 누른 후 Brake를 1회 밟는다.
  - 리모컨이 1개 입력되어 있으면 1번 -의 백, 2개 입력되어 있으면 1번 -의 백, 3개 입력되어 있으면 1번 -의 백, 백 소리가 난다. 5번을 누르면 입력되어있는 리모컨 코드가 모두 삭제된다.
2. KEY를 OFF시킨다.
  - 1번 -의 소리가 나며 입력이 완료된다.

### P3-3 시스템 초기화

1. 프로그래밍 버튼을 3번 누른 후 Brake를 1회 밟는다.
  - 1번 -의 소리가 난다.
2. 리모컨 새버튼을 누른다.
3. KEY를 OFF시킨다.
  - 1번 -의 소리가 나며 출고시의 기본 설정으로 복귀한다.



# ALADDIN WIRING DIAGRAM

