

## USER OPERATION INSTRUCTION (DRAFT)

### INTELLIGENT KEY SYSTEM

The intelligent key uses coded radio signals to communicate with the vehicle.

When the intelligent key is near the vehicle such as in your pocket or purse.

It allows the vehicle to be locked/unlocked, or started without inserting the ignition Key. It is also possible to use the control entry function.

#### CAUTION

- Be sure to carry the intelligent key with you.
  - Do not leave the vehicle with the intelligent key inside.
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- The intelligent key may not function correctly depending on the environment or operating conditions, if you do not use it correctly.
  - The intelligent key transmits faint radio waves.
    - When there are strong signals coming from a television tower, power station or a cellular phone with you.
    - When the intelligent key is in contact with or covered by a metallic material.
    - When radio wave-type remote control entry is used nearby.
    - When the intelligent key is placed near an electric appliance such as a personal Computer.
  - The intelligent key continually consumes battery power as the key receives a signal to communicate with the vehicles.
  - Battery life is about 1.5 years, although it varies depending on the operating conditions. When the battery of the intelligent key is low  the green blinking Key warning light goes out about 30 seconds after the ignition knob is turned to ON. If the battery runs down, replace it with a new one.
  - If the intelligent key receive strong signal over an extended period of time the Battery could quickly run down. Do not place the intelligent key near an electric appliance such as a television set or personal computer.

### 1. INTELLIGENT KEY OPERATION

You can lock or unlock the doors without taking the key out from your pocket or purse. When you carry the intelligent key with you. You can lock or unlock all door by pushing the door handle request switch or back door handle request switch within the

rang of operation.

## 2. Locking doors

1. Turn the ignition knob to the LOCK position and remove the ignition key if any metal key is in the ignition knob.\*1,\*2
2. Close all the doors.\*3
3. Push any front door or the back door handle request switch while carrying the intelligent key with you \*4
4. All the door , back door and fuel filter lid will lock.
5. The hazard indicator flashes twice and door buzzer sounds twice.

The hazard indicator and horn mode also can be changed with vehicle electronic systems on the monitor.

\*1:Door lock with the intelligent key while a mechanical key or valet key is in the ignition switch however the key reminder chime will sound to warn you.

\*2.Door lock with the intelligent key while the ignition switch is not in the LOCK position.

\*3.Door do not lock with the door handle request switch or the LOCK button on the intelligent key while any door is open. A beep sound to warn you However, doors lock with the metal key even if any door is open.

\*4.Door do not lock with door handle request switch with the intelligent key inside the vehicle and a beep sound to warn you.

## 2. Unlocking doors

1. Push the door handle request switch once Drivers side:
  - The driver door and fuel filler lid unlock Front passenger side or back door.
  - Only corresponding door unlocks.
  - The hazard indicator flashes once and door buzzer sound once if all doors are completely closed with the ignition key in any position.
- 3.Push the door handle request switch again within 5 seconds.

## 3. OPENING AND CLOSEING WINDOWS

- To open the windows push the UNLOCK button on the intelligent key for about 3 seconds or turn the drivers door key lock with the metal key to the rear of the vehicle for about 2 seconds after the door is unlocked.
- To stop opening release the UNLOCK button or turn the key to the neutral

position.

- To close the windows turn the driver's door key lock to the vehicle for about 2 seconds after the door is locked.
- To stop closing turn the key to the neutral position .

#### 4. OPERATING THE ENGINE

##### **Ignition knob positions**

Push in the ignition knob in the range when you turn it.

##### **LOCK(Normal parking position)**

The ignition knob can only be locked in the position.

The ignition knob will be unlocked when it is pushed in , and turned to the ACC position while carrying the intelligent key.

##### **ACC(Accessories)**

This position activates electrical accessories such as the radio, when the engine is not running.

##### **ON(Normal operating position)**

This position turns on the ignition system and electrical accessories.

##### **START**

This position starts the engine. As soon as the engine has started . release the knob immediately. It will automatically return to the ON position .

#### **Starting the engine**

When driving the vehicle, be sure to carry the intelligent key with you.

1. Securely depress the brake pedal.
2. Slowly push the ignition knob in/

When the intelligent key warning light in the instrument(meter) panel comes on in green , the ignition knob can be turned.

3. Turn the ignition knob to START and the engine will be started.
4. When the engine starts, release the ignition knob.

#### □ WARNING

Do not start the engine from outside the vehicle through the window. Doing so could

lead an accident and injury. Be sure to sit in the drivers seat to use the key.

For important safety information, see “Starting the engine “ in the Starting and driving section.

- When the ignition knob is pushed under the following condition, the key warning light in the instrument (meter) panel comes on in red. It is not possible to turn the ignition knob when.
  - you do not have the intelligent key with you
  - The intelligent key battery has run down
  - You have a intelligent key for another vehicle with you.
- Slowly turn the ignition knob after the key warning light comes on in green. if it is turned quickly , it may stick and be difficult in turn.
- The engine may not start if the intelligent key is placed.
  - inside the glove box or the door pocket
  - on the instrument panel
  - in the corner of interior compartment
- if it is difficult to turn the ignition knob perform the following.
  - Push the ignition knob again and slowly turn it .
  - Turn the ignition knob while gently turning the steering wheel to the left or right

### **Stopping the engine**

Shift the selector lever to the P position.

Turn the ignition knob to ACC.

### **INTELLGENT KEY OPERATING RANGE**

The intelligent key function can be used only when you carry the key with you and operate as specified in the operating rang inside or outside the vehicle.

When the intelligent key battery runs down or where there are strong radio waves or noise , the operating rang may be narrower or the key may be inoperative.

### **Operating range of the door lock/unlock function**

The outside sensors are in the front door handle and the back door.

The operating range of the door lock/unlock function is shown in the illustration.

Front door:

31.5in(80cm) from the door handle Front door and door handle Back door.

- If you are too close to the door glass , the intelligent key may not operate.

- If the intelligent key is in the operating range, it is possible for anyone who does not carry the intelligent key to lock/unlock the doors by pushing the door handle request switch.

### **Operating range for engine start function**

The operating range for starting the engine is inside the vehicle.

- If the intelligent key is on the instrument panel , inside the glove box or door pocket , or the corner of interior compartment , it may not be possible to start the engine.
- If the intelligent key is near the door or door glass outside the vehicle it may be possible to start the engine.

### **OPERATION WITH INTELLIGENT REMOTE KEYLESS ENTRY SYSTEM**

It is possible to lock/unlock all doors. Fuel filler lid , activate the panic alarm and open the windows by pushing the buttons on the intelligent key from outside the vehicle.

Before locking the doors, make sure the key is not left in the vehicle.

The LOCK/UNLOCK button on the intelligent key can operate at a distance of approximately 33 ft(10m) from the vehicle.(The effective distance depends upon the condition around the vehicle )

The TRUNK button on the intelligent key can operate at a distance of approximately 33 ft(10m) from the vehicle .

Using the panic alarm

If you are near your vehicle and feel threatened, you may activate the alarm to call attention as follows.

1. Push the PANIC button on the intelligent key for longer 0.5 second with the metal key removed from the ignition key cylinder or the ignition knob pushed in.
2. The theft warning alarm and headlights will stay on for 30 second.
3. The panic alarm stops when
  - It has run for 30 second or the LOCK or the UNLOCK button pressed or the panic button is pushed on the intelligent key for longer than 0.5 second.

### **BATTERY REPLACEMENT**

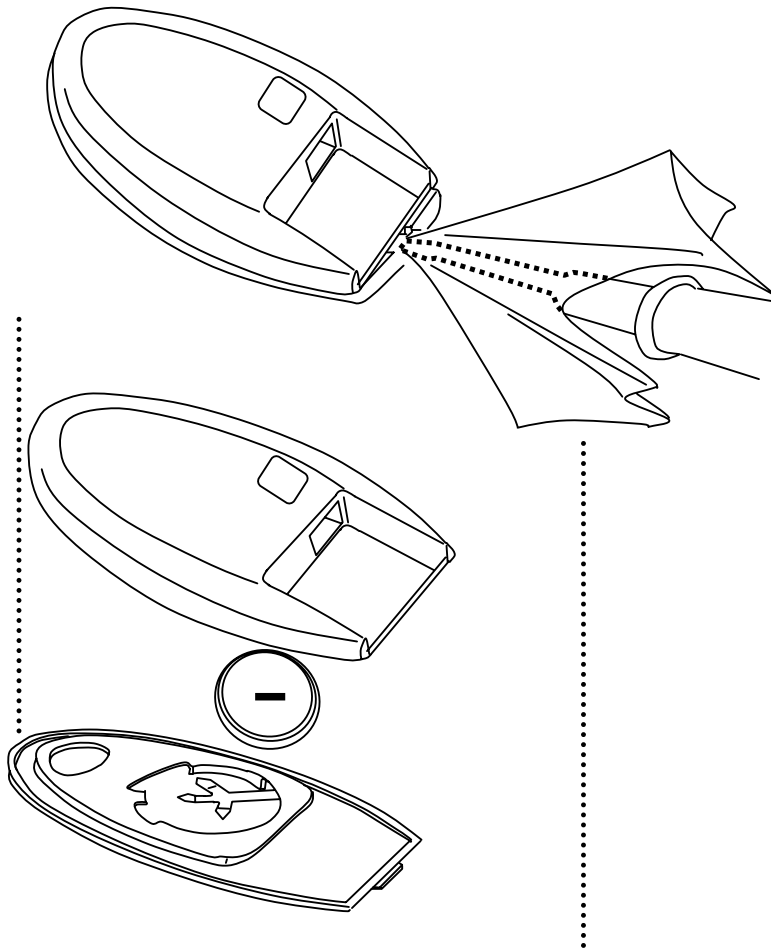
Replace the battery as follows.

1. Insert a flat-blade screwdriver wrapped with a cloth into the slit of the rear center and twist it to separate the upper part from the lower part.
2. Replace the battery with a new one.
  - Do not touch the internal circuit and electric terminals as it could cause a malfunction.

Recommended battery: CR2025

Make sure that the □ side faces the bottom of the PCB.
3. Close the lid securely.
4. Push the buttons two or three time to check its operation.

See your INFINITI dealer if you need any assistance for replacement.



**FCC Notice.**

Changes or modifications not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules and Regulation and the Standard RSS-210 of Industry Canada.

Operation is subject the following two conditions : (1) This device may not cause harmful interference , and (2) this device must accept any interference received, including interference received, including interference that may cause undesired operation of the device.