



SMART TECHNOLOGY
FOR SMARTER CARS

Owner's Manual (excerpt)



Product: IKT
Model: IK1A



status: **RELEASE**
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Issue: 1.0
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Keys and Remote Controls

REMOTE CONTROL LIMITATIONS

Make sure a valid remote control is within 3 ft (1 m) from the front door handles and rear of vehicle.

The system may not function if:

- The remote control remains stationary for about a minute.
- The vehicle battery has no charge.
- The remote control battery has no charge.
- There is interference causing issues with the remote control frequencies.
- The remote control is too close to metal objects or electronic devices, for example keys or a cell phone.

USING THE REMOTE CONTROL



WARNING: Do not leave a key or remote control unattended in the vehicle. Children or pets could operate the power windows, moonroof or other controls. Failure to follow this instruction could result in personal injury or death.

Use your remote control to access various vehicle systems.

Note: The buttons on your remote may vary depending on the vehicle region or options.

Unlock



Press the button to unlock all doors. See **Unlocking and Locking the Doors Using the Remote Control** (page 77).

Lock



Press the button to lock all doors. See **Unlocking and Locking the Doors Using the Remote Control** (page 77).

Panic Alarm (If Equipped)



Press the button to sound the panic alarm. See **Sounding the Panic Alarm** (page 71).

OPENING AND CLOSING THE FLIP KEY

Opening Your Flip Key

Press the round button on the remote control to extend the flip key.



Note: Inspect the key blade for debris.
Periodically clean with a brush.

Closing Your Flip Key

Press and hold the round button on the remote control to fold the key blade when not in use.



REMOVING THE KEY BLADE - VEHICLES WITH: PUSH BUTTON START



Push the release button on your passive key and pull the key blade out.

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SOUNDING THE PANIC ALARM



Press the button to sound the panic alarm. Press the button again, or switch the ignition on to turn it off.

Note: The panic alarm only operates when the ignition is off.

LOCATING YOUR VEHICLE



Press the lock button twice within three seconds. The turn signal lamps flash.

Note: We recommend you use this method to locate your vehicle.

CHANGING THE REMOTE CONTROL BATTERY - VEHICLES WITH: FLIP KEY

Battery Replacement Procedure

The remote control uses one coin-type 3-volt lithium battery CR2032 or equivalent.

Press the button to release the key blade before beginning the procedure.



1. Insert a screwdriver, in the position shown and gently push the clip.
2. Press the clip down to release the battery cover.



3. Carefully remove the cover.



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4. Insert a screwdriver as shown to release the battery.



Note: Do not touch the battery contacts or the printed circuit board with the screwdriver.

5. Remove the battery.
6. Install a new battery with the + facing up.
7. Replace the battery cover.



Dispose of old batteries in an environmentally friendly way. Seek advice from your local authority about recycling old batteries.

Note: Do not wipe off any grease on the battery terminals or on the back surface of the circuit board.

Note: Replacing the battery does not erase the programmed key from your vehicle. The remote control should operate normally.

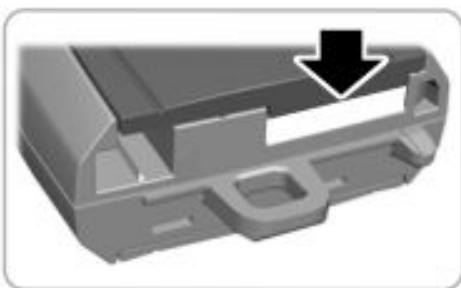
CHANGING THE REMOTE CONTROL BATTERY - VEHICLES WITH: PUSH BUTTON START

The remote control uses one coin-type 3-volt lithium battery CR2450 or equivalent.



Keys and Remote Controls

1. Push the release button and pull the key blade out.



2. Twist a thin coin under the tab hidden behind the key blade head to remove the battery cover.



3. Insert a screwdriver, and carefully remove the battery.
4. Install a new battery with the + facing upward.
5. Reinstall the battery housing cover onto the transmitter and install the key blade.



Dispose of old batteries in an environmentally friendly way. Seek advice from your local authority about recycling old batteries.

Note: Do not wipe off any grease on the battery terminals or on the back surface of the circuit board.

Note: Replacing the battery does not erase the programmed key from your vehicle. The remote control should operate normally.



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WARNING:

Do not ingest battery.

Chemical Burn Hazard

This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.



WARNING:

Risk of explosion if the battery is replaced by an incorrect type.

Replace battery with the same type.

Risk of explosion or the leakage of flammable liquid or gas.

Do not use in /store in /bring into environment of extremely high temperature or extremely low pressure due to the very high altitude.

Do not attempt to burn, crush, or cut used battery.

Keys and Remote Controls



Note: Your vehicle keys came with a security label that provides important key cut information. Keep the label in a safe place for future reference.

PROGRAMMING THE REMOTE CONTROL - VEHICLES WITH: FLIP KEY

General Information

You can program your own remote control to your vehicle. This procedure programs both the engine immobilizer keycode and the remote entry portion of the remote control to your vehicle.

Only use remote controls with an integrated mechanical key.

You must have two previously programmed coded remote controls and the new un-programmed remote readily accessible. Contact an authorized dealer to have the spare remote control programmed if the two previously programmed coded remote controls are not available.

Read and understand the entire procedure before you begin.

Steps for Programming Your Spare Remote Control

1. Insert the first previously programmed coded key into the ignition.

2. Switch the ignition from off to on. Keep the ignition on for at least three seconds, but no more than 10 seconds.
3. Switch the ignition off and remove the first coded key from the ignition.
4. After three seconds but within 10 seconds of switching the ignition off, insert the second previously coded key into the ignition.
5. Switch the ignition from off to on. Keep the ignition on for at least three seconds, but no more than 10 seconds.
6. Switch the ignition off and remove the second previously programmed coded key from the ignition.
7. After three seconds but within 10 seconds of switching the ignition off and removing the previously programmed coded key, insert the new un-programmed key into the ignition.
8. Switch the ignition from off to on. Keep the ignition on for at least six seconds until you hear the door locks cycle.
9. Remove the newly programmed coded key from the ignition.

The key starts the engine if programming is successful. You can operate the keyless remote entry system with the new remote control with integrated key.

If programming was not successful, wait 20 seconds and repeat Steps 1 through 8. If you are still unsuccessful, take your vehicle to an authorized dealer.

Note: You can program a maximum of six coded remote controls to your vehicle.

Keys and Remote Controls

PROGRAMMING THE REMOTE CONTROL - VEHICLES WITH: PUSH BUTTON START

General Information

You must have two previously programmed remote controls inside your vehicle and the new unprogrammed remote controls readily accessible. Contact an authorized dealer to have the spare remote control programmed if two previously programmed remotes are not available. Make sure that your vehicle is off before beginning this procedure. Make sure that you close all the doors before beginning and that they remain closed throughout the procedure. Perform all steps within 30 seconds of starting the sequence. Stop and wait for at least one minute before starting again if you perform any steps out of sequence.

Read and understand the entire procedure before you begin.

Note: You can program a maximum of four remote controls to your vehicle.

Note: If your programmed remote controls are lost or stolen and you do not have an extra coded remote, you need to have your vehicle towed to an authorized dealer. Store an extra programmed remote away from your vehicle in a safe place to help prevent any inconvenience. Contact an authorized dealer to purchase additional spare or replacement remotes.

Steps for Programming Your Spare Remote Control

Note: Your vehicle is equipped with one of the following center consoles.

Programming Backup Location



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1. Place the first programmed remote in the backup slot inside the center console with your foot off the brake pedal, press and release the push button ignition switch.
2. Wait five seconds and then press and release the push button ignition switch again.
3. Remove the remote control.
4. Within 10 seconds, place a second programmed remote control in the backup slot. Press and release the push button ignition switch.
5. Wait five seconds and then press and release the push button ignition switch again. Keep the ignition on for at least three seconds, but no more than 10 seconds.
6. Remove the remote control.
7. Place the unprogrammed remote control in the backup slot and press and release the push button ignition switch.

Programming is now complete. With your foot on the brake pedal, press the push button ignition switch to verify the remote control functions operate and your vehicle starts with the new remote control.

If programming was not successful, wait 10 seconds and repeat Steps 1 through 7. If you are still unsuccessful, take your vehicle to an authorized dealer.

KEYS AND REMOTE CONTROLS AUDIBLE WARNINGS - VEHICLES WITH: PUSH BUTTON START

Key In Reminder

Sounds when the following conditions are met:

- Vehicle is out of park (P).
- You switch the vehicle off.
- You open the driver's door.
- You have left the key inside the vehicle.

KEYS AND REMOTE CONTROLS AUDIBLE WARNINGS - VEHICLES WITH: FLIP KEY

Sounds when you open the driver's door, turn off the vehicle and you have left the key in the ignition.

KEYS AND REMOTE CONTROLS – TROUBLESHOOTING

KEYS AND REMOTE CONTROLS – INFORMATION MESSAGES

Message	Action
Key Battery Low Replace Soon	Replace remote control battery.



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FCC and RSS-210 Industry Canada Compliance

FCC ID: 2BAHD-1K1A
IC: 30273-1K1A

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.



WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.