

Model

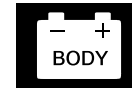
Applicable To

File Under

Bulletin No.

1999
CIVIC
CR-V

1999 Civic: KE, KF,
KG types
1999 CR-V: KK type



99-901

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Civic and CR-V Immobilizer System

In some markets, the 1999 Civic and CR-V have a new Immobilizer System. This system works like the one used in the 1998 CR-V. Technically, however, it has many differences.

This service bulletin gives you information on system components, adding or replacing keys, and replacing components. Additional information can be found in the 1999 Civic and CR-V Shop Manuals.

IMMOBILIZER SYSTEM COMPONENTS

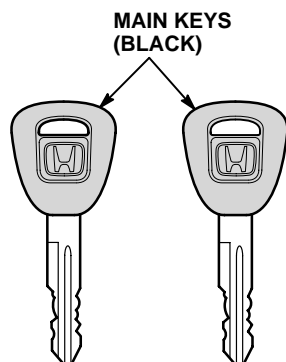
The Immobilizer System includes these items:

- Immobilizer System keys
- Immobilizer System indicator
- Immobilizer receiver
- Engine Control Module/Powertrain Control Module (ECM/PCM)

Immobilizer System Keys

The vehicle comes with two main keys (black grip). *This system does not use a learning key (red grip).*

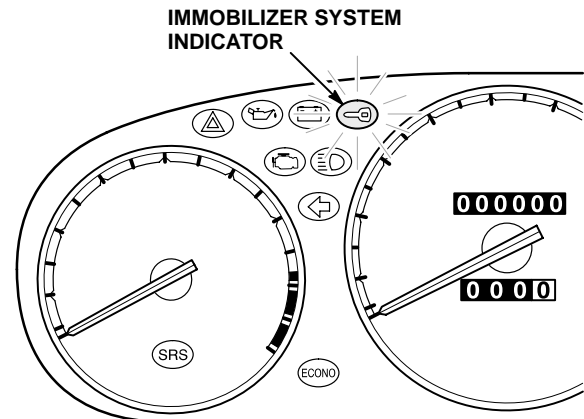
Each key contains a transponder that sends an identification code when the key is inserted into the ignition switch. This identification code is used by the Immobilizer System to determine whether to start the vehicle. The keys have no batteries or other serviceable parts inside.



Immobilizer System Indicator

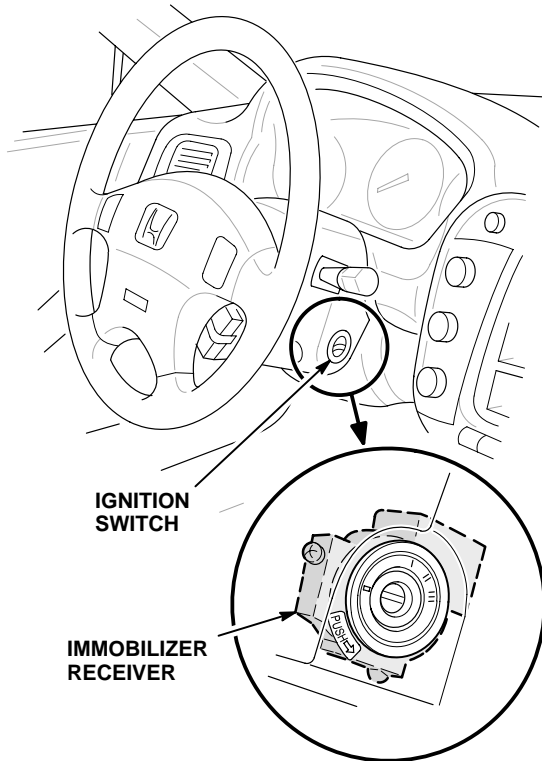
The Immobilizer System indicator is in the upper left portion of the instrument panel. If a properly coded key is inserted into the ignition switch and the switch is turned ON (II), the indicator comes on for 2 seconds. When the ignition switch is turned to LOCK (0) and the key is removed, the indicator blinks for 5 seconds.

If an improperly coded key is inserted, the indicator comes on for 2 seconds when the ignition switch is turned ON (II), then the indicator starts to blink. It will continue blinking until the key is removed.



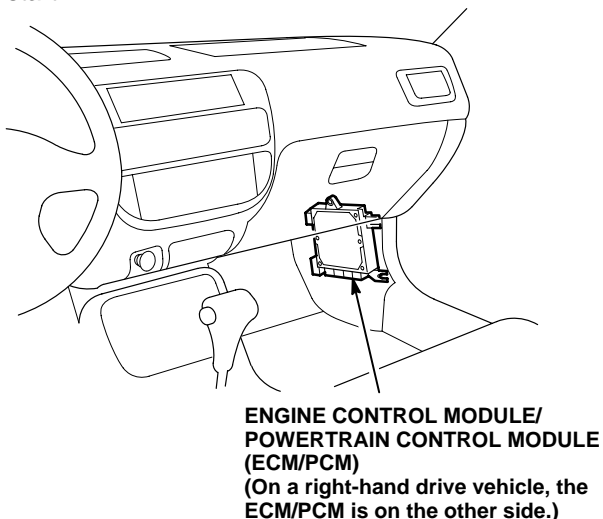
Immobilizer Receiver

The immobilizer receiver is inside the bezel around the ignition switch. It uses electromagnetic induction to power the transponder in the key, with no direct electrical connection. The immobilizer receiver reads the identification code from the key's transponder and sends the code to the ECM/PCM.



Engine Control Module/Powertrain Control Module (ECM/PCM)

The ECM/PCM is behind the front passenger's kick panel. The Immobilizer System control circuitry is inside the ECM/PCM. When the proper identification code is sent by the immobilizer receiver, the ECM/PCM controls the fuel system so that the engine will start.



ADDING OR REPLACING KEYS

The vehicle comes with two main keys. The Immobilizer System will accept a total of six keys, so four more keys may be added. To add or replace keys, these items are needed:

- Main key blank: P/N 35113-S84-G01
- All existing main keys for this vehicle
- The vehicle's key code for cutting new keys
- A PGM Tester with a 4-MB Immobilizer Rewrite Program Card with Version 5.0 or higher software.
NOTE: The 1999 Civics and CR-Vs require a larger 4-MB program card for the Immobilizer System. The latest 4-MB Immobilizer Rewrite Program Card includes the new rewrite program (no red learning key used) as well as the previous rewrite program (red learning key used).
- The first password for the 4-MB Immobilizer Rewrite Program Card. Refer to the *Honda PGM Tester Policies, Procedures, and General Information Manual* for managing password information.
- If you do not have any of the existing keys, you will also need a second, five-character password. Get this password immediately before doing the procedure. If you do not know either the first or second passwords, call Export Service at **1-310-783-3136** or Special Tools at **1-310-783-3456**. The second password changes after every 15 entries.

Procedure

1. Get all the existing keys from the customer.
2. Use tape to mark the keys as "A," "B," etc., starting with the existing keys. During the programming procedure, you must know which keys are existing keys and which keys are new. For example, if you have two existing keys and three new key blanks, mark the existing keys as "A" and "B," and mark the new key blanks as "C," "D," and "E."
3. Cut the new keys. The Immobilizer System will accept a total of six keys.
4. Connect the PGM Tester to the vehicle.
5. Insert key "A" into the ignition switch, and turn the ignition switch ON (II).
6. From the SYSTEM SELECT screen, select 5: IMMOBI.
7. From the TEST MODE MENU – IMM screen, select 2: KEYS.

8. From the KEYS screen, select the appropriate option:
 - 1: ADD KEYS – to add keys if at least one original, working key is available.
 - 2: DELETE KEYS – to remove a lost key from the Immobilizer System's memory.
 - 3: ALL KEYS LOST – to replace keys when none of the original, working keys are available.
9. Follow the screen prompts. The PGM Tester eventually returns you to the TEST MODE MENU – IMM screen.
10. Disconnect the PGM Tester. Test all the keys to make sure that they start the engine. If any key will not start the engine, repeat steps 4 through 9.

REPLACING COMPONENTS

For component troubleshooting and replacement procedures, refer to the shop manual. For any of the conditions in the chart that follows, you will need a PGM Tester with a 4-MB Immobilizer Rewrite Program Card with Version 5.0 or higher software, and the first and second passwords for that program card.

If the repair involves replacing the ECM/PCM or a lost key, the customer should supply you with the remaining keys and the key code. The Immobilizer System must be reprogrammed for all existing keys and new keys. Any key that is not programmed into the system at this time will not work.

Condition	Required Parts
The customer has the original keys, wants an additional key	<i>A and F</i>
The customer wants to replace a lost main key	<i>A and F</i>
All the keys are missing	<i>A and S</i>
The ECM/PCM needs replacement	<i>C, F, and S</i>
The immobilizer receiver is malfunctioning	<i>B</i>
The ignition switch is malfunctioning or damaged	If you know how to rekey locks, use <i>D</i> and rekey the rest of the locks to match the new steering lock assembly. If not, use <i>E</i> .
One of the other lock assemblies on the vehicle needs replacing	If you know how to rekey locks, replace the individual lock. If not, use <i>E</i> .

Parts List

- A* – Main key blank: P/N 35113-S84-G01
 - Five-character first password for the 4-MB Immobilizer Rewrite Program Card
- B* – Immobilizer receiver and receiver harness
- C* – Engine Control Module/Powertrain Control Module
 - Five-character first password for the 4-MB Immobilizer Rewrite Program Card
 - All existing keys
- D* – Steering lock assembly
- E* – Key cylinder set
- F* – All the original keys
- S* – Five-character, second password for the 4-MB Immobilizer Rewrite Program Card