

Applies To: 1997–01 Prelude – ALL

May 6, 2003

Immobilizer System (Type 1)

(Supersedes 00-039, dated August 27, 2002)

All 1997–01 Preludes have a Type 1 immobilizer system that disables the vehicle unless a programmed ignition key is used. In this service bulletin, a programmed ignition key is a transponder-type key that has been cut to fit the ignition switch and whose transponder ID code is recognized by the immobilizer system. If you try to start the engine without a programmed ignition key, the engine cannot crank.

This service bulletin covers

- Immobilizer system components
- Consequences of a lost key
- Adding programmed ignition keys
- Clearing transponder codes of lost programmed ignition keys
- Starting the engine without a programmed ignition key
- Replacing the immobilizer control unit
- Replacing the ECM
- Substituting a known-good ECM

It also has a customer situation and required items chart

You can find more information about the immobilizer system in the Body Electrical section of the 1997-99 Prelude Service Manual.

WARRANTY CLAIM INFORMATION

None. This service bulletin is for information only.

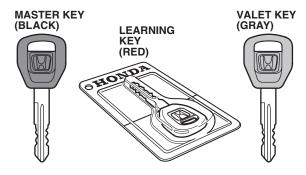
IMMOBILIZER SYSTEM COMPONENTS

The immobilizer system includes the

- Immobilizer system keys (two master keys, one valet key, and one learning key at new vehicle delivery)
- Immobilizer system indicator
- Immobilizer receiver
- Immobilizer control unit
- Engine control module (ECM)

Immobilizer System Keys

The vehicle comes with two master keys (black grip), one valet key (gray grip), and one learning key (red grip).



Each master and valet key has a transponder in its grip that outputs an ID code when you insert the key into the ignition switch. The immobilizer system uses this ID code to determine whether to start the engine. There are no batteries or other serviceable parts inside the keys.

The learning key has a unique ID code that is matched to the vehicle's immobilizer control unit. It lets you rewrite the immobilizer control unit to add programmed ignition keys or to clear the transponder codes of lost programmed ignition keys; it cannot start the engine. If you try to start the engine with the learning key, it could damage the immobilizer control unit.

The learning key is given to the customer, sealed in its plastic case. Advise your customer that the learning key is a tool for the dealer; it cannot start the engine. Customers should keep the learning key sealed in its plastic case and stored in a safe place.

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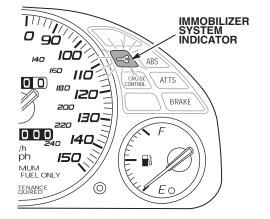
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CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.



Immobilizer System Indicator

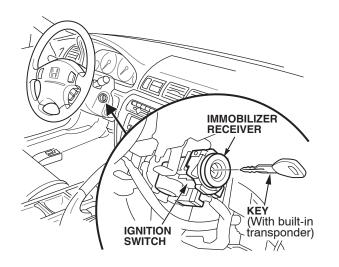
The immobilizer system indicator is on the instrument panel. When you insert a programmed ignition key (master or valet) into the ignition switch and turn the switch to ON (II), the indicator comes on for **2 seconds**. When you turn the ignition switch to LOCK (0) and remove the key, the indicator blinks for **5 seconds** and then goes off.



If you insert a nonprogrammed ignition key into the ignition switch, and you turn the switch to ON (II), the indicator comes on for **2 seconds** and *then it starts to blink*. It keeps blinking until you turn the ignition switch to LOCK (0). If you try to start the engine with a nonprogrammed key, the engine cannot crank.

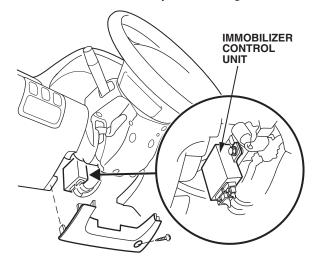
Immobilizer Receiver

The immobilizer receiver is inside the bezel around the ignition switch. It is powered by the immobilizer control unit, and uses electromagnetic induction to energize the transponder in the key. The energized transponder sends its ID code to the receiver, which then sends the code to the immobilizer control unit. The immobilizer receiver contains no logic circuitry; it does not need to be rewritten when replaced.



Immobilizer Control Unit

The immobilizer control unit is below the dashboard next to the steering column. It sends power to the immobilizer receiver to energize the transponder in the key. The immobilizer control unit gets the transponder ID code from the receiver, and checks it against the codes stored in its memory. If the code matches, the immobilizer control unit energizes the starter cut relay and sends a unique serial code to the ECM. But if the transponder code does not match, no serial code is sent and the starter cut relay is not energized.



Engine Control Module (ECM)

The ECM is an integral part of the immobilizer system. When the ECM gets the unique serial code from the immobilizer control unit, it communicates or "handshakes" with the immobilizer control unit by sending back its own unique serial code. If the serial codes are mutually recognized during this handshaking process, the ECM energizes the fuel supply system and the ignition system so the engine can start.

CONSEQUENCES OF A LOST KEY

The programmed ignition keys and the learning key are essential parts of the immobilizer system. If your customer has lost one or both of these components, the consequences could be costly. Here are some typical situations you could encounter and the potential *consequences*:

- Your customer has none of the programmed ignition keys, but still has the learning key. *The immobilizer control unit must be replaced with the Immobilizer Unit Set.*
- Your customer has none of the programmed ignition keys and no learning key. *The immobilizer control unit must be replaced with the Immobilizer Unit Set.*

- Your customer has a programmed ignition key but no learning key. You have limited ability to add ignition keys (you can only use the Ilco Immobilizer Key Code Duplicator), and you have no ability to clear transponder codes of lost ignition keys from the memory of the immobilizer control unit.
- You are replacing the ECM, and your customer has a programmed ignition key but no learning key. You need to also replace the immobilizer control unit.

ADDING PROGRAMMED IGNITION KEYS

This vehicle originally comes with three programmed ignition keys (two master keys and one valet key). The immobilizer control unit can store as many as five transponder codes in its memory. Use one of the procedures below to add programmed ignition keys.

IIco Immobilizer Key Code Duplicator Method

If your customer wants an additional programmed ignition key(s), use the IIco Immobilizer Key Code Duplicator with IIco programmable key blanks (look for a **T5** stamped on the shank or molded into the grip). The key code duplicator offers a low-cost, quick, and convenient way to make a duplicate key from a programmed ignition key. Refer to S/B 99-053, *IIco Immobilizer Key Code Duplicator*, for details.

Alternate HDS Method

If the key code duplicator is not available, use the HDS with Honda key blanks instead. The HDS programs (rewrites) the immobilizer control unit by clearing all transponder codes from the memory of the immobilizer control unit and then storing the transponder codes of the keys that you choose to enter.

Preparation

To add a programmed ignition key(s) with the HDS, you need these items:

- The learning key
- All available programmed ignition keys (master and valet) for the vehicle (This includes any master or valet keys with a **T5** stamped on the shank or molded into the grip. These are duplicate keys made with the Ilco Immobilizer Key Code Duplicator.) If you do not have at least *one* programmed ignition key, you must replace the immobilizer control unit (see "The immobilizer control unit is faulty" in the **CUSTOMER SITUATION AND REQUIRED ITEMS CHART)**.
- Immobilizer Key blank (master), P/N 35113-S84-A01, H/C 5435433 or P/N 35113-S84-A02, H/C 6344436

or Immobilizer Key blank (valet), P/N 35114-S84-A01, H/C 5435441 or P/N 35114-S84-A02, H/C 6344444

- Key code for the vehicle (if cutting by code)
- Suitable key cutter
- HDS with 1.006.004 or later software

NOTE: Make sure the setup and time are correct before you use the HDS. Select the **F12** key in the upper right corner to get the **Set-up Details** screen. Make sure **Market:** is set to **USA**. Select the time display in the lower right corner to get the **Date/Time Properties** pop-up window. Make sure the date and time are correct. For details, refer to the **Honda Diagnostic System (HDS) Setup Instructions** listed under **Tool Information** in ISIS.

- 1st Password (Get this five-character code from the *I*N VIN Status Inquiry display. This code is changed yearly.)
- Ilco Immobilizer Key Code Duplicator (if T5 key recoding is needed)

Procedure

- 1. Use an appropriate key blank and a suitable key cutter to cut a new ignition key(s) (see S/B 88-012, *Cutting Keys With the Exacta Code Key Cutter*).
- 2. Gather up the learning key, the newly cut ignition key(s), and all of your customer's programmed ignition keys (master and valet) for the vehicle. Set aside any T5 keys.
- 3. Stick a small piece of masking tape to the grip of each programmed ignition key and each newly cut key. Starting with the programmed ignition keys, mark them as **A**, **B**, **C**, etc.
- 4. Connect the HDS to the 16P data link connector (DLC).
- 5. Insert key **A** into the ignition switch, and turn the switch to ON (II). Turn on the HDS.
- 6. At the screen prompts, enter the VIN and the odometer reading, and then verify the correct date and time.
- 7. From the System Selection Menu screen, select IMMOBI.
- 8. From the **Mode Menu** screen, select **Immobilizer Setup**.
- 9. From the **Immobilizer Test Mode Menu** screen, select **Delete or Add keys and Rewrite ECM**.
- 10. From the **Rewriting of immobilizer control unit** screen, select **Begin to delete or add keys and rewrite ECM**.
- 11. From the **Entry of Number of Keys** screen, enter the number of original keys (available programmed ignition keys, not counting the learning key), and then follow the screen prompts. When you are finished, turn the ignition switch to LOCK (0), and then turn off and disconnect the HDS.
- 12. *T5 keys only:* Start the engine with each of the T5 keys you set aside in step 2.
 - If all of the T5 keys start the engine, the transponder codes are already recognized by the immobilizer control unit. Go to step 13.

- If any of the T5 keys do not start the engine, use the key code duplicator to recode those keys to the code of a programmed ignition key (see S/B 99-053, *Ilco Immobilizer Key Code Duplicator*). Start the engine with each of the recoded keys to make sure they all work. Then go to step 13.
- 13. Return the learning key to its plastic case, and give it back to your customer along with all of the other programmed ignition keys.

CLEARING TRANSPONDER CODES OF LOST PROGRAMMED IGNITION KEYS

If your customer has lost one or more (but not all) of the programmed ignition keys, you should rewrite the immobilizer control unit with the HDS to prevent the lost keys from starting the engine. The HDS clears the transponder codes from the memory of the immobilizer control unit and then stores the transponder codes of your customer's remaining programmed ignition keys. This process, in effect, clears the codes of the lost ignition keys so they could not start the engine.

Preparation

To clear the transponder codes of lost programmed ignition keys, you need these items:

- The learning key
- All of your customer's programmed ignition keys (master and valet) for the vehicle (This includes any master or valet keys with a **T5** stamped on the shank or molded into the grip. These are duplicate keys made with the Ilco Immobilizer Key Code Duplicator.)
- HDS with 1.006.004 or later software

NOTE: Make sure the setup and time are correct before you use the HDS. Select the **F12** key in the upper right corner to get the **Set-up Details** screen. Make sure **Market:** is set to **USA**. Select the time display in the lower right corner to get the **Date/Time Properties** pop-up window. Make sure the date and time are correct. For details, refer to the **Honda Diagnostic System (HDS) Setup Instructions** listed under **Tool Information** in ISIS.

- 1st Password (Get this five-character code from the *I*N VIN Status Inquiry display. This code is changed yearly.)
- Ilco Immobilizer Key Code Duplicator (if T5 key recoding is needed)

Procedure

- 1. Gather up the learning key and *all* of your customer's programmed ignition keys (master and valet) for the vehicle. Set aside any T5 keys.
- 2. Connect the HDS to the 16P data link connector (DLC).
- 3. Insert a programmed ignition key into the ignition switch, and turn the switch to ON (II). Turn on the HDS.

- 4. At the screen prompts, enter the VIN and the odometer reading, and then verify the correct date and time.
- 5. From the System Selection Menu screen, select IMMOBI.
- 6. From the Mode Menu screen, select Immobilizer Setup.
- 7. From the Immobilizer Test Mode Menu screen, select Delete or Add keys and Rewrite ECM.
- 8. From the **Rewriting of immobilizer control unit** screen, select **Begin to delete or add keys and rewrite ECM**.
- 9. Follow the screen prompts. When you are finished, turn the ignition switch to LOCK (0), and then turn off and disconnect the HDS.
- 10. *T5 keys only:* Start the engine with each of the T5 keys you set aside in step 1.
 - If all of the T5 keys start the engine, the transponder codes are already recognized by the immobilizer control unit. Go to step 11.
 - If any of the T5 keys do not start the engine, use the key code duplicator to recode those keys to the code of a programmed ignition key (see S/B 99-053, *Ilco Immobilizer Key Code Duplicator*). Start the engine with each of the recoded keys to make sure they all work. Then go to step 11.
- 11. Return the learning key to its plastic case, and give it back to your customer along with all of the other programmed ignition keys.

STARTING THE ENGINE WITHOUT A PROGRAMMED IGNITION KEY

If your customer is stranded because he or she has no programmed ignition keys or a part of the immobilizer system has failed, you can still start the engine using a properly cut key blank and the Immobilizer Brake Code.

This procedure is suited for situations where your stranded customer either plans to drive the vehicle directly to a Honda dealership for immobilizer system repair or he or she has the other programmed ignition keys at home and plans to drive there with no side trips.

If your customer has lost his or her programmed ignition keys, but has programmed ignition keys at home, advise him or her to schedule an appointment to have the immobilizer control unit rewritten for the remaining ignition keys; this way the transponder codes of the lost keys are cleared from the memory of the immobilizer control unit. Refer to **CLEARING TRANSPONDER CODES OF LOST PROGRAMMED IGNITION KEYS**. If your customer has lost all of the programmed ignition keys, he or she will need to have the immobilizer control unit replaced. Refer to **REPLACING THE IMMOBILIZER CONTROL UNIT**.

Preparation

To start the engine without a programmed ignition key, you need these items:

- Non-transponder key blank, P/N 35117-SM4-901, H/C 4225462
- Key code for the vehicle
- · Suitable key cutter
- Immobilizer Brake Code (This five-digit code is available on the *i*N VIN Status Inquiry display.)

Procedure

- 1. Use a non-transponder key blank and a suitable key cutter to cut a temporary ignition key (see S/B 88-012, *Cutting Keys With the Exacta Code Key Cutter*).
- 2. Release the parking brake.
- 3. Insert the temporary key into the ignition switch.
- 4. Turn the ignition switch to ON (II).
- Enter the first digit of the five-digit Immobilizer Brake Code by setting and releasing the parking brake that number of times, within 30 seconds. For example, if the first digit is four, set and release the parking brake four times.
- 6. Turn the ignition switch to LOCK (0). (This enters the digit into the immobilizer control unit.)
- 7. Turn the ignition switch to ON (II), set and release the parking brake the appropriate number of times, and turn the ignition switch to LOCK (0) to enter the second, the third, the fourth, and the fifth digits.

NOTE: When you turn the ignition switch to ON (II), the immobilizer system indicator does not blink but stays on. The immobilizer system indicator stays on even when the ignition switch is turned to LOCK (0).

8. After you enter the fifth digit, and turn the ignition switch to LOCK (0), the immobilizer system indicator blinks three times and then goes off. You can now start the engine with the temporary key.

NOTE: This procedure is only a temporary fix. When you start the engine with the temporary key, the immobilizer system indicator comes on and stays on while the engine is running. And when you turn the ignition switch to LOCK (0), the indicator does not blink five times as it normally would.

9. Start the engine within **10 minutes** or you must repeat this procedure entirely.

REPLACING THE IMMOBILIZER CONTROL UNIT

The immobilizer control unit must be replaced if it is faulty, or if your customer has lost all of the programmed ignition keys or the learning key. When you replace the immobilizer control unit, you must rewrite it with the HDS, or the engine cannot start. The HDS stores the transponder codes from the programmed ignition keys, transfers the codes to the memory of the new immobilizer control unit, and then instructs the immobilizer control unit and the ECM to recognize the other's unique serial code.

Preparation

To replace the immobilizer control unit, you need these items:

- Immobilizer Unit Set (Kit contains an immobilizer control unit, a master key blank, and a learning key blank.)
- All of your customer's old programmed ignition keys (master and valet) for the vehicle (This includes any master or valet keys with a **T5** stamped on the shank or molded into the grip. These are duplicate keys made with the Ilco Immobilizer Key Code Duplicator.0

NOTE: When the HDS refers to "original" keys, it means the master key that comes with the *new* immobilizer control unit. Your customer's old ignition keys would now be considered as "new" keys by the new immobilizer control unit. To become programmed ignition keys, you must add their transponder codes to the memory of the *new* immobilizer control unit.

- Key code for the vehicle (if cutting by code)
- · Suitable key cutter
- HDS with 1.006.004 or later software

NOTE: Make sure the setup and time are correct before you use the HDS. Select the F12 key in the upper right corner to get the Set-up Details screen. Make sure Market: is set to USA. Select the time display in the lower right corner to get the Date/Time Properties pop-up window. Make sure the date and time are correct. For details, refer to the Honda Diagnostic System (HDS) Setup Instructions listed under Tool Information in ISIS.

- 1st Password (Get this five-character code from the *i*N VIN Status Inquiry display. This code is changed yearly.)
- Ilco Immobilizer Key Code Duplicator (if T5 key recoding is needed)

Procedure

- 1. Replace the immobilizer control unit. Refer to page 23-200 of the 1997–99 Prelude Service Manual.
- 2. Use a suitable key cutter to cut the keys that come in the kit (see S/B 88-012, *Cutting Keys With the Exacta Code Key Cutter*).

- 3. Gather up *all* of your customer's old programmed ignition keys (master and valet) for the vehicle. Set aside any T5 keys.
- 4. Connect the HDS to the 16P data link connector (DLC).
- 5. Insert the master key you cut from the kit into the ignition switch, and turn the ignition switch to ON (II). Turn on the HDS.
- 6. At the screen prompts, enter the VIN and the odometer reading, and then verify the correct date and time.
- 7. From the System Selection Menu screen, select IMMOBI.
- 8. From the **Mode Menu** screen, select **Immobilizer Setup**.
- 9. From the Immobilizer Test Mode Menu screen, select Replace Immobilizer Control Unit.
- 10. From the **Replace Immobilizer Control Unit** screen, select **Begin to register Keys in the new Immobilizer Control Unit**.
- 11. From the **1st Password** screen, enter the PCM Code, and then follow the screen prompts. Make sure you use the learning key that comes with the *new* immobilizer control unit. Save the learning key from the *old* immobilizer control unit for warranty purposes. When the process is complete, turn the ignition switch to LOCK (0), and then turn off and disconnect the HDS.

NOTE: When the HDS refers to "original" keys, it means the master key that comes with the *new* immobilizer control unit. Your customer's old ignition keys would now be considered as "new" keys by the new immobilizer control unit. To become programmed ignition keys, you must add their transponder codes to the *new* immobilizer control unit's memory.

- 12. *T5 keys only:* Start the engine with each of the T5 keys you set aside in step 3.
 - If all of the T5 keys start the engine, the transponder codes are already recognized by the immobilizer control unit. Go to step 13.
 - If any of the T5 keys do not start the engine, use the key code duplicator to recode those keys to the code of a programmed ignition key (see S/B 99-053, *Ilco Immobilizer Key Code Duplicator*). Start the engine with each of the recoded keys to make sure they all work. Then go to step 13.
- 13. Return the learning key to its plastic case, and give it back to your customer along with all of the other programmed ignition keys.

REPLACING THE ECM

When you replace the ECM, you must also rewrite it with the HDS. This instructs the new ECM and the immobilizer control unit to recognize each other's unique serial code. If you fail to rewrite the new ECM, the engine cannot start.

Preparation

To replace the ECM, you need these items:

- Replacement ECM
- *One* programmed ignition key (master, valet, T5) for the vehicle
- HDS with 1.006.004 or later software

NOTE: Make sure the setup and time are correct before you use the HDS. Select the F12 key in the upper right corner to get the Set-up Details screen. Make sure Market: is set to USA. Select the time display in the lower right corner to get the Date/Time Properties pop-up window. Make sure the date and time are correct. For details, refer to the Honda Diagnostic System (HDS) Setup Instructions listed under Tool Information in ISIS.

• 1st Password (Get this five-character code from the *i*N VIN Status Inquiry display. This code is changed yearly.)

Procedure

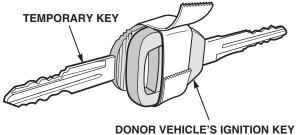
- 1. Replace the ECM. Refer page 11-38 of the 1997–99 Prelude Service Manual.
- Connect the HDS to the 16P data link connector (DLC).
- 3. Insert the programmed ignition key into the ignition switch, and turn the ignition switch to ON (II). Turn on the HDS.
- 4. At the screen prompts, enter the VIN and the odometer reading, and then verify the correct date and time.
- 5. From the System Selection Menu screen, select IMMOBI.
- 6. From the **Mode Menu** screen, select **Immobilizer Setup**.
- 7. From the **Immobilizer Test Mode Menu** screen, select **Rewrite ECM**.
- 8. From the **Rewriting of ECM** screen, select **Begin** to rewrite the ECM.
- 9. From the **1st Password** screen, enter the 1st Password, and then follow the screen prompts.
- 10. Turn the ignition switch to LOCK (0), and then turn off and disconnect the HDS.

- 11. Do the idle learn procedure:
 - Make sure all electrical items (A/C, audio unit, defogger, lights, etc.) are turned off, and then start the engine.
 - Let the engine reach its normal operating temperature (the cooling fans cycle twice).
 - Let the engine idle (throttle fully closed and with all electrical items off) for **10 minutes**.

SUBSTITUTING A KNOWN-GOOD ECM

Do this procedure if you need to use a known-good ECM to test a vehicle. You can swap an ECM from a donor vehicle without having to rewrite it to the vehicle you are working on.

- 1. Use a non-transponder key blank, P/N 35117-SM4-901, H/C 4225462, and a suitable key cutter to cut a temporary ignition key for the vehicle you are working on. Refer to S/B 88-012, *Cutting Keys With the Exacta Code Key Cutter*.
- 2. Remove the ECM and the immobilizer control unit from the vehicle you are working on. Write the VIN on the ECM and the immobilizer control unit to avoid confusing them with the known-good parts from the donor vehicle.
- 3. Remove the known-good ECM and immobilizer control unit from the donor vehicle, and install them in the vehicle you are working on.
- 4. Tape the donor vehicle's ignition key grip-to-grip to the temporary ignition key. The immobilizer control unit will recognize the transponder code from the donor vehicle's key, letting you start the engine with the temporary key.



DONOR VEHICLE'S IGNITION KEY (Tape to temporary key.)

- 5. Do the needed tests on the vehicle you are working on.
- 6. When you are finished, reinstall both ECMs and immobilizer control units, and destroy the temporary key.

CUSTOMER SITUATION AND REQUIRED ITEMS CHART

This chart lists the customer situations most commonly associated with the immobilizer system along with the items needed to remedy each situation. If you need to repair the system, refer to the Body Electrical section of the 1997–99 Prelude Service Manual. If you need the HDS, make sure it is loaded with the latest software and the setup for it is correct before you use it. If you are adding programmed ignition keys, clearing the transponder codes of lost programmed ignition keys or replacing the immobilizer control unit, make sure you get all of your customer's vehicle keys (learning key, master and valet keys, and T5 keys), along with the key code for the vehicle (if available).

Customer Situation	Required Items
Your customer has at least one programmed ignition key and the learning key, but wants an additional key(s). NOTE: If your customer has lost the learning key, you must use the IIco Immobilizer Key Code Duplicator.	Ilco Immobilizer Key Code Duplicator and Ilco programmable key blanks (see S/B 99-053 for details) OR Immobilizer Key blank (master), P/N 35113-S84-A01, H/C 5435433 or 35113- S84-A02, H/C 6344436 or Immobilizer Key blank (valet), P/N 35114-S84-A01, H/C 5435441 or 35114- S84-A02, H/C 6344444 Learning key and <i>all</i> programmed ignition keys (master, valet, T5) Suitable key cutter and the key code for the vehicle (if cutting by code) HDS and 1st Password
Your customer wants to clear the transponder code of a lost programmed ignition key.	Learning key and <i>all</i> programmed ignition keys (master, valet, T5) HDS and 1st Password Ilco Immobilizer Key Code Duplicator (to recode T5 keys if needed)
Your customer has lost all of the programmed ignition keys or the learning key.	Immobilizer Unit Set (refer to the parts catalog for P/N) Suitable key cutter and the key code for the vehicle HDS and 1st Password
Your customer accidentally inserted the learning key into the ignition switch and, shortly afterwards, inserted a programmed ignition key.	Immobilizer Unit Set (refer to the parts catalog for P/N) <i>All</i> programmed ignition keys (master, valet, T5) Suitable key cutter and the key code for the vehicle (if cutting by code) HDS and 1st Password Ilco Immobilizer Key Code Duplicator (to recode T5 keys if needed)
The immobilizer control unit is faulty.	Immobilizer Unit Set (refer to the parts catalog for P/N) <i>All</i> programmed ignition keys (master, valet, T5) Suitable key cutter and the key code for the vehicle (if cutting by code) HDS and 1st Password Ilco Immobilizer Key Code Duplicator (to recode T5 keys if needed)
The immobilizer receiver is faulty.	Steering Lock Assembly (refer to the parts catalog for P/N)
The ECM is faulty.	Replacement ECM (refer to the parts catalog for P/N) <i>One</i> programmed ignition key (master, valet, T5) HDS and 1st Password
The ignition key cylinder is faulty or damaged.	Steering Lock Assembly (refer to the parts catalog for P/N) OR Key Cylinder Set (refer to the parts catalog for P/N) NOTE: If you know how to rekey locks, order the Steering Lock Assembly, and rekey the other locks to match. If you do not know how to rekey locks, order this kit <i>only</i> if your customer does not insist on all the locks matching. If your customer insists on all the locks matching, but you do not know how to rekey locks, order the Key Cylinder Set.
One or more of these locks are damaged: door(s), glove box, trunk, trunk release handle, or rear seat trunk access.	Key Cylinder Set (refer to the parts catalog for P/N) NOTE: Replace locks individually if you know how to rekey them; otherwise, order the Key Cylinder Set.