

Keyless Access System Symptom Troubleshooting Information

General Check Before Troubleshooting

Before troubleshooting the keyless access system, check the following items and solve any applicable issues.

- Before starting the troubleshooting procedure, make sure that keyless access system is not disabled by the customization.
- Check the No. A1-7 (125 A), No. A1-5 (30 A), No. A2-2 (30 A), No. A2-4 (60 A), and No. A18 (10 A) fuses in the under-hood fuse/relay box.
- Check the No. B8 (15 A)^{*1}/(20 A)^{*2} and No. B30 (10 A) fuses in the under-dash fuse/relay box.
- Check for poor connection at the body control module.
- Check for DTCs with the HDS; if a DTC is indicated, troubleshoot the DTC first.
- Before testing, troubleshoot the keyless access system first using SELF CHECK, and if any malfunction is found, troubleshoot it first.
- Make sure the keyless remote is not in a purse with coins, wrapped with any metallic material, placed near a mobile phone or computer.
- Make sure the vehicle 12 volt battery is fully charged.
- Make sure the keyless remote batteries are not low; if they are, replace keyless remote battery.
- Make sure a different keyless remote is not being used; only use a Honda-approved keyless remote.
- Make sure the keyless remote is not attached to a key ring or key case; if it is, remove the key from it.
- Make sure aftermarket accessories are not installed; remove any aftermarket accessories.
- Make sure aftermarket accessories are not connected to the S-NET or IGN TRX line; disconnect any aftermarket accessories from the S-NET or IGN TRX line.
- Make sure there is no electrical interference nearby; avoid areas with electrical or radio interference.

*1: Except K20C1 engine

*2: K20C1 engine

Symptom Troubleshooting Using the Security Indicator Lighting Pattern

The immobilizer and keyless access system condition can be checked by the security indicator lighting pattern.

Normal operation:

When turning the vehicle to the ON mode and the immobilizer code is identified, the security indicator is OFF.

Immobilizer code is not identified:

When turning the vehicle to the ON mode when the immobilizer code has not been identified, the security indicator blink until the OFF (LOCK) mode is selected. Then security indicator will come on for 1 second. The state of the keyless registration and the S-NET line can be checked by doing a [SYSTEM CHECK](#) and [STATUS LOG](#) with the HDS.

Security indicator turns on:

If the security indicator turns on, [do the gauge control module self-diagnostic function procedures](#). If the indicator drive circuit is OK, do the [SYSTEM CHECK](#) and [STATUS LOG](#) procedures with the HDS.

System Check and Status Log

NOTE: The HDS can be used to:

- Check the state of the keyless remote registration and the S-NET line by doing a [SYSTEM CHECK](#).
- Check the number of times the keyless access control unit or the backup control unit did not permit the engine to start by checking the [STATUS LOG](#).

1. Connect the HDS to the data link connector (DLC), then turn the vehicle to the ON mode and follow the prompts to the SYSTEM SELECTION MENU.

NOTE: If the HDS does not communicate with the vehicle, [go to the DLC circuit troubleshooting](#).

2. At SYSTEM SELECTION MENU, enter ONE-PUSH START, then select KEYLESS ACCESS CONTROL UNIT or BACKUP CONTROL UNIT.
3. At KEYLESS ACCESS CONTROL UNIT, enter KEYLESS ACCESS SYSTEM INFORMATION, then select SYSTEM CHECK 1 or SYSTEM CHECK 2.
4. At BACKUP CONTROL UNIT, enter SYSTEM INFORMATION, then select SYSTEM CHECK.
5. Do the SYSTEM CHECK. If there is a system check number, do the troubleshooting for the item indicated.
6. [Check the STATUS LOG using the HDS](#). Troubleshoot the line with the highest counts first. If all the lines are 0 (zero), the problem may not be caused by the immobilizer system or keyless access system, check for ignition or fuel problems.

NOTE: Once repaired, clear the status log by removing the No. A18 (10 A) fuse in the under-hood fuse/relay box or disconnecting the 12 volt battery.