

Safety Recall: Combination Light Switch

BACKGROUND

A terminal in the headlight wire harness connector can overheat and may cause the low-beam headlights to fail without warning. Although the high-beam position still works, a sudden loss of low beams could result in a crash.

VEHICLES AFFECTED

2001 Civic:

KE: From VIN 1HGEM2...1L602418 thru 1HGEM2...1L603661

KK: From VIN 1HGES1...1L500001 thru 1HGES1...1L502578

From VIN 1HGEM2...1L500001 thru 1HGEM2...1L500153

From VIN 2HGES1...1H750002 thru 2HGES1...1H750674

From VIN JHMES8...1S200002 thru JHMES8...1S205408

KM: From VIN 93HES1...1Z000024 thru 93HES1...1Z015839

KN: From VIN JHMES1...1S200551 thru JHMES1...1S205237

KP: From VIN 93HES1...1Z050001 thru 93HES1...1Z050554

KU, A/T:
From VIN JHMES8...1S200251 thru JHMES8...1S205509

KU, M/T:
From VIN JHMES8...1S200109 thru JHMES8...1S205691

KX: From VIN 1HGES1...1L900001 thru 1HGES1...1L911989

From VIN 1HGEM2...1L900001 thru 1HGEM2...1L902943

KY: From VIN JHMES8...1S402285 thru JHMES8...1S402328

2001 Stream:

KK: From VIN JHMRN3...1C201000 thru JHMRN3...1C200313

KU: From VIN JHMRN3...1C200216 thru JHMRN3...1C208866

2002 Civic:

KK: From VIN 1HGES1...2L500001 thru 1HGES1...2L500447

From VIN 1HGEM2...2L500001 thru 1HGEM2...2L500008

From VIN 2HGES1...2H750001 thru 2HGES1...2H750088

From VIN JHMES8...2S200001 thru JHMES8...2S201379

KM: From VIN 93HES1...2Z100001 thru 93HES1...2Z117694

KN: From VIN JHMES1...2S200071 thru JHMES1...2S200073

KP: From VIN 93HES1...2Z150003 thru 93HES1...2Z150027

KU, A/T:
From VIN JHMES8...2S200022 thru JHMES8...2S200922

KU, M/T:
From VIN JHMES8...2S200416 thru JHMES8...2S201322

KX: From VIN 1HGES1...2L900001 thru 1HGES1...2L902539

From VIN 1HGEM2...2L900001 thru 1HGEM2...2L900740

KY: From VIN JHMES8...2S402793 thru JHMES8...2S402797

2002 Fit KK: VIN JHMGD1...2S200029

2002 Jazz KG: VIN JHMGD1...2S200031

CUSTOMER NOTIFICATION

All owners of affected vehicles should be mailed a notification of this recall. An example of the customer notification was sent with this service bulletin.

Not all vehicles within the VIN ranges are affected by this recall. Before beginning work, verify that the vehicle is eligible by checking it against your campaign responsibility report.

Also, check for a punch mark above the 12th character of the engine compartment VIN. A punch mark in that location means the combination light switch has already been repaired.

Some vehicles affected by this recall may be in your used car inventory. **These vehicles should be repaired before they are sold or leased.** To see if a vehicle is affected by this recall, check it against your campaign responsibility report.

CORRECTIVE ACTION

Replace the combination light switch, the RED/WHT wire in the headlight wire harness and, if needed, the 16P headlight wire harness connector.

PARTS INFORMATION

Combination Light Switch Repair Kit:

(Includes switch, wire harness connector, 250 mm wire with an attached terminal, wire splice connector, and wire shrink tube)

Civic

KE: P/N 35012-S5A-406

KK, KM, KP, KX: P/N 35012-S5A-307

KN: P/N 35012-S5A-305

KU without fog lights: P/N 35012-S5A-305

KU with fog lights: P/N 35012-S5A-306

KY: P/N 35012-S5A-309

Jazz

KG: P/N 35012-SAA-305

Fit

KK: P/N 35012-S5A-307

Stream

KK: P/N 35012-S5A-307

KU: P/N 35012-S5A-305

TOOL INFORMATION

Terminal Maintenance Set: T/N 070AZ-S5A-0100*

Contains Terminal Remover Set, T/N 070AZ-S5A-011 (six small, plastic tools used to remove terminals from the 16P headlight wire harness connector), and Secondary Lock Opener, T/N 070AZ-S5A-012 (a miniature, flat-tip screwdriver used to open the secondary locks on the 16P headlight wire harness connector)

Terminal Pin Kit C: T/N 07QAZ-003020C, or equivalent

(Terminal Pin Kit C contains the wire crimper and the heat gun used for wire splicing.)

* This tool was sent to your distributor along with this service bulletin.

WARRANTY CLAIM INFORMATION

OP#	Description	FRT
728103	Replace the combination light switch and the RED/WHT wire in the headlight wire harness	0.7
A	Cruise control learn (2001 Civic 2-door KK: thru VIN 1HGEM2...1L500009 KX: thru VIN 1HGEM2...1L900541)	0.3
728104	Replace the combination light switch, the RED/WHT wire in the headlight wire harness, <i>and</i> the 16P wire harness connector	0.8
A	Cruise control learn (2001 Civic 2-door KK: thru VIN 1HGEM2...1L500009 KX: thru VIN 1HGEM2...1L900541)	0.3

Failed Part: P/N 35255-S5A-A01

Defect Code: 5CN

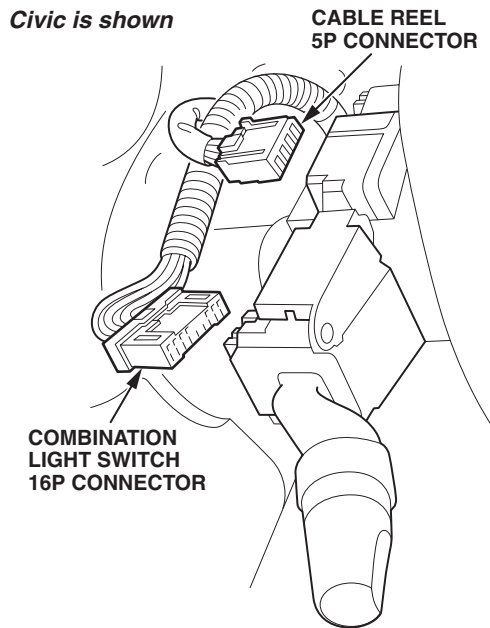
Symptom Code: P23

REPAIR PROCEDURE

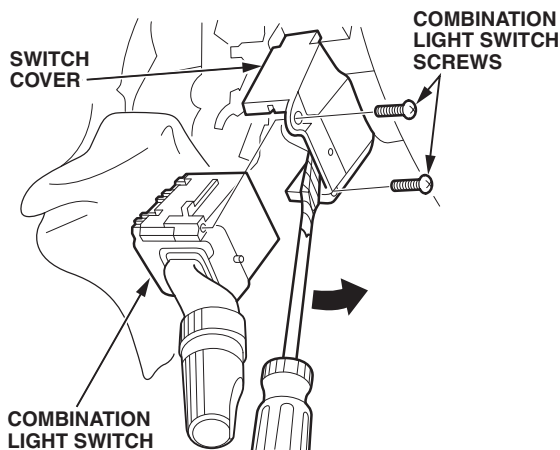
NOTE:

- SRS components are located in this area. Before you begin, review the SRS component locations, cautions, and procedures in the shop manual.
 - The descriptions and illustrations in this procedure apply to left-hand-drive vehicles. The procedure for right-hand-drive vehicles is comparable, and the same steps can be followed.
 - Be careful not to damage the dashboard or other interior trim pieces.
1. Make sure you have the anti-theft code for the radio (if applicable), then write down your customer's radio station presets.
 2. Disconnect the negative cable from the battery.
 3. Remove the driver's dashboard lower cover (see the Body section of the appropriate shop manual).
 4. Remove the steering column covers (see the Steering section of the appropriate shop manual.).

- Disconnect the 16P connector from the combination light switch, and disconnect the 5P connector from the cable reel. Then carefully pull the wire harness to the right of the steering column.

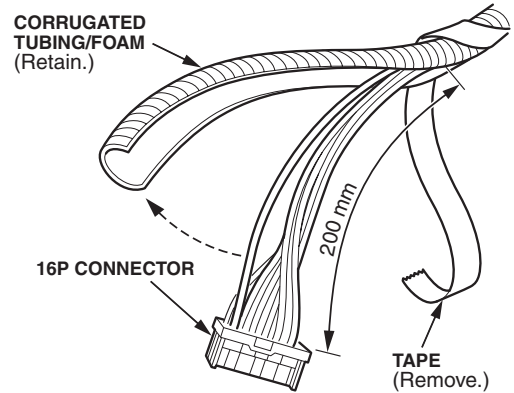


- Turn the ignition switch to the ACCESSORY (I) position, then turn the steering wheel to the right.
- Remove the two screws from the combination light switch.

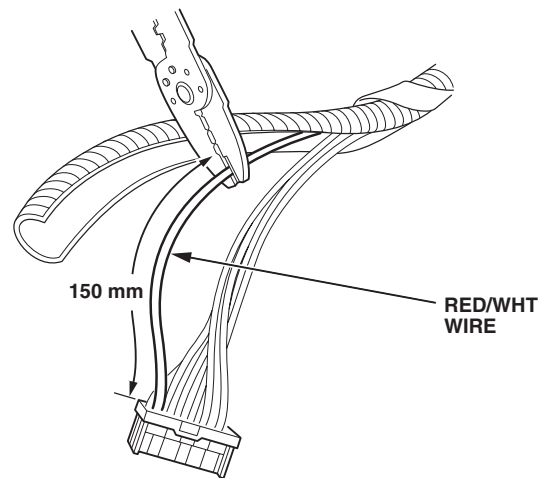


- Using a flat-tip screwdriver wrapped with electrical tape, lift the switch cover slightly, then remove the switch, and discard it.

- Remove the tape or corrugated tubing/foam from the 16P connector wire harness to expose about 200 mm of wire. Discard the tape, but retain the tubing/foam.

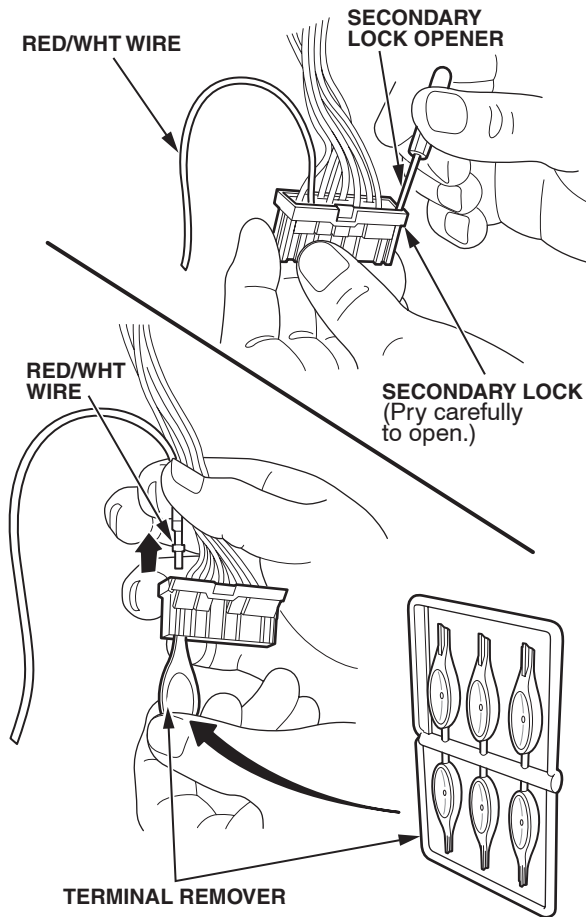


- Locate the RED/WHT wire in the 16P connector. Then measure 150 mm from the end of the connector, and cut the RED/WHT wire there.



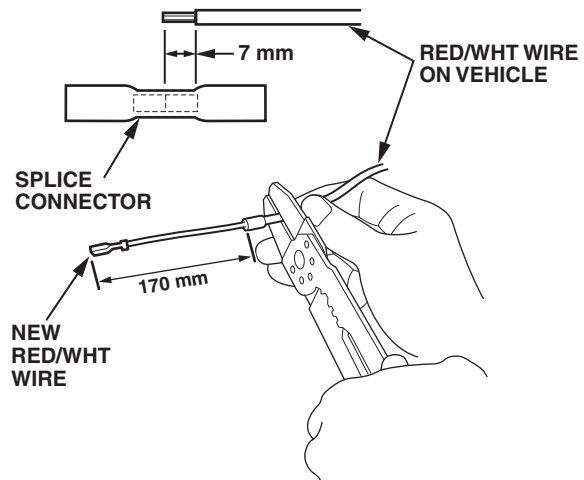
- Inspect the 16P connector for heat damage or discoloration.
 - If the connector is OK, go to step 12.
 - If the connector is damaged or discolored, go to step 14.

12. Using the secondary lock opener from the Terminal Maintenance Set (T/N 070AZ-S5A-010), carefully pry open the secondary lock on the RED/WHT wire side of the 16P connector.



13. Twist off a terminal remover from the Terminal Remover Set (T/N 070AZ-S5A-011). Insert the terminal remover into the center row cavity of the 16P connector, above the RED/WHT wire cavity, then remove and discard the RED/WHT wire.

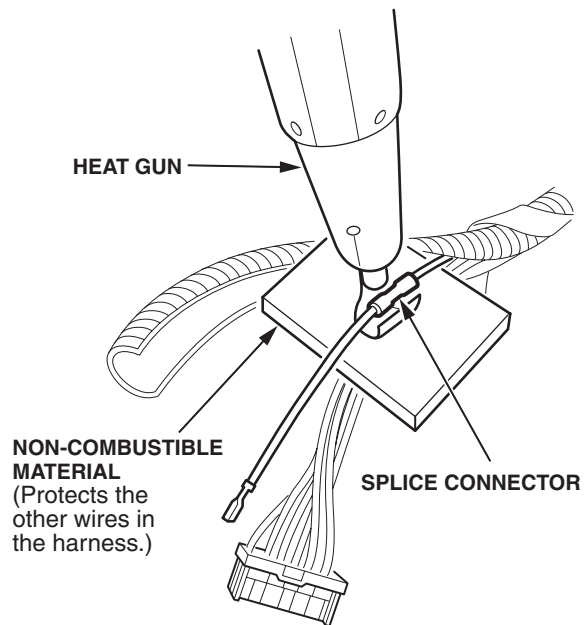
14. Strip off 7 mm of insulation from the vehicle wire harness side of the RED/WHT wire. Insert the stripped end into one side of the splice connector, and crimp the connector.



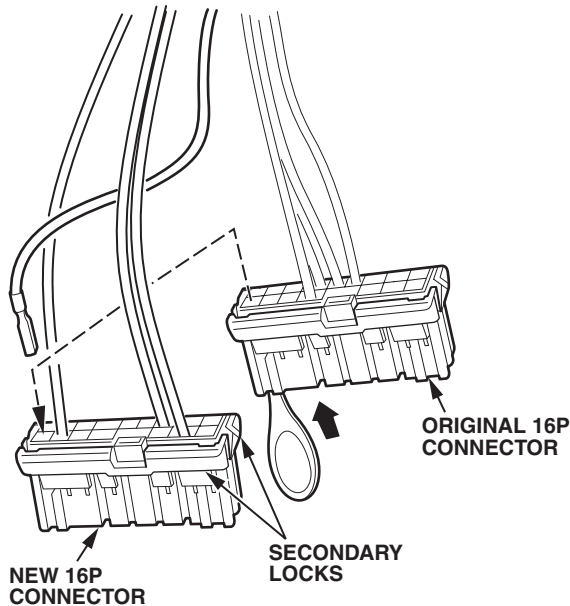
15. Cut the new RED/WHT wire 170 mm from the end of its terminal. Then strip off 7 mm of insulation from the cut end.
16. Insert the stripped end of the new RED/WHT wire into the other side of the splice connector, then crimp the connector.
17. With a non-combustible material between the RED/WHT wire and the vehicle wire harness, use a heat gun to shrink the splice connector casing.

NOTE:

- Be careful not to get burned.
- Do not overheat the wire.



18. If the original 16P connector is not heat damaged or discolored, insert the new RED/WHT wire into its terminal cavity on the connector, then go to step 21. If the 16P connector is damaged, go to step 19.
19. Twist off a terminal remover from the Terminal Remover Set (T/N 070AZ-S5A-011). Insert the terminal remover into a center row cavity of the original 16P connector, remove the corresponding wire from its cavity, and transfer the wire to the same cavity in the new 16P connector. Repeat this for all the wires except the original RED/WHT wire.



20. Insert the new RED/WHT wire into its terminal cavity in the new 16P connector.
21. Snap the secondary lock(s) closed on the 16P connector.
22. Using electrical tape, retape the wire harness or insert the wires into the corrugated tubing/foam and retape the tubing/foam.
23. Install the new combination light switch with the two original screws.
24. Reroute the wire harness over the steering column, then connect the 16P connector to the combination light switch and the 5P connector to the cable reel connector.
25. Connect the negative cable to the battery.
26. Check the operation of the headlights, the parking lights, and the turn signals.
27. Install the driver's dashboard lower cover.
28. Install the steering column covers.
29. Enter the radio anti-theft code (if applicable), then enter your customer's radio station presets. Set the clock.

30. Do the idle learn procedure:

- Make sure all electrical items such as the A/C, the audio unit, and the lights are off, then start the engine.
- Let the engine reach normal operating temperature (the cooling fans cycle twice).
- Let the engine idle (throttle fully closed) for 10 minutes.

31. On 2001 Civic LX and EX 2-door models, KK: thru VIN 1HGEM2...1L500009, and KX: thru VIN 1HGEM2...1L900541, do the cruise control learn procedure:

- Drive the vehicle, and set the cruise control above 65 kilometers (40 miles) per hour.
- Drive the vehicle for 5 to 10 minutes at the set speed. If you cancel the set speed before driving 5 to 10 minutes, repeat the procedure.

NOTE: This procedure can also be done on a chassis dynamometer, but it cannot be done with the vehicle on a shop lift.

32. Center-punch a completion mark above the 12th character of the engine compartment VIN.

Center-punch here.

1HGESXXXXXXXXXXXX

Example of Customer Notification Letter

May 2004

Safety Recall Campaign: Headlight Switch

Dear Honda Owner:

This notice is to advise you of a safety recall campaign that affects your vehicle.

What is the problem?

Honda Motor Co., Ltd., has decided that a defect relating to motor vehicle safety exists in certain 2001-2002 Civics, 2001 Streams, and 2002 Fit/Jazz vehicles. The headlight low-beam terminal on the headlight wire harness can overheat and may cause the low beams to fail without warning. Although the high beam position remains operational, an unexpected loss of low beams could result in a crash.

What should you do?

Call your local Honda dealer/distributor, and make an appointment to have your vehicle repaired. The dealer/distributor will inspect the headlight switch and replace all needed parts. This work will be done *free of charge*. Please plan to leave your vehicle at the dealer/distributor for at least half a day to allow flexibility in their scheduling.

What to do if you feel this notice is in error.

Our records show that you are the current owner of a 2001-2002 Civic, 2001 Stream, or 2002 Fit/Jazz involved in this campaign. If you no longer own this vehicle, or the name/address information is incorrect, please notify your local dealer/distributor. (*Insert dealer/distributor name and telephone number.*)

If you have questions.

If you have any questions about this campaign, or need assistance with contacting a Honda dealer/distributor, please contact (*insert dealer/distributor name and telephone number*).

We apologize for any inconvenience this campaign may cause you.

Sincerely,
(*insert dealer/distributor name*)