



Applies To: **2002–04 CR-V** – Check the iN VIN status for eligibility
2003 Pilot – Check the iN VIN status for eligibility

March 30, 2012

Safety Recall: Low Beam Headlights May Not Work

BACKGROUND

A terminal in the combination light switch 16P harness connector can overheat and may cause the low-beam headlights to fail without warning. Although the high-beam position remains operational, an unexpected loss of low beam functionality could result in a crash.

CUSTOMER NOTIFICATION

Owners of affected vehicles will receive a notification for this campaign in April 2012.

Do an **iN VIN status inquiry** to make sure the vehicle is shown as eligible.

Some vehicles affected by this campaign may be in your used vehicle inventory.

Should a dealership sell an unrepaired vehicle that subsequently causes an injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims. To see if a vehicle in inventory is affected by this campaign, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Inspect the combination light switch wire harness 16P connector and, depending on what you find, install a Combination Light Switch Wire Kit, or a Combination Light Switch Repair Kit.

PARTS INFORMATION

NOTE: Most vehicles require only the Combination Light Switch *Wire* Kit.

Combination Light Switch Wire Kit:
P/N 06322-SAA-305

(Includes 250 mm wire with attached terminal, wire splice connector, and wire tie)

Combination Light Switch Repair Kit:
P/N 06323-SAA-307

(Includes switch, 16P wire harness connector, 250 mm wire with attached terminal, wire splice connector, and wire tie)

TOOL INFORMATION

NOTE: The tools listed below were previously sent to your dealership for the completion of Service Bulletin 04-015, *Safety Recall: Combination Light Switch*. If you need additional tools, order them through the parts ordering system.

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

(Contains the wire crimper and the heat gun used for wire splicing.)

Terminal Maintenance Set: T/N 070AZ-S5A0100

(Contains Terminal Remover Set [six small, plastic tools used to remove terminals from the 16P headlight wire harness connector], and Secondary Lock Opener [a miniature, flat-tip screwdriver used to open the secondary locks on the 16P headlight wire harness connector])

WARRANTY CLAIM INFORMATION

OP#	Description	FRT
7280A5	Install a Combination Light Switch <i>Wire</i> Kit – CR-V.	0.7
	Install a Combination Light Switch <i>Wire</i> Kit – Pilot.	0.6
7280A6	Install a Combination Light Switch <i>Repair</i> Kit – CR-V.	0.7
	Install a Combination Light Switch <i>Repair</i> Kit – Pilot.	0.6

Failed Part: P/N 35255-S5A-A02

Defect Code: 5LA00

Symptom Code: S3400

Skill Level: Repair Technician

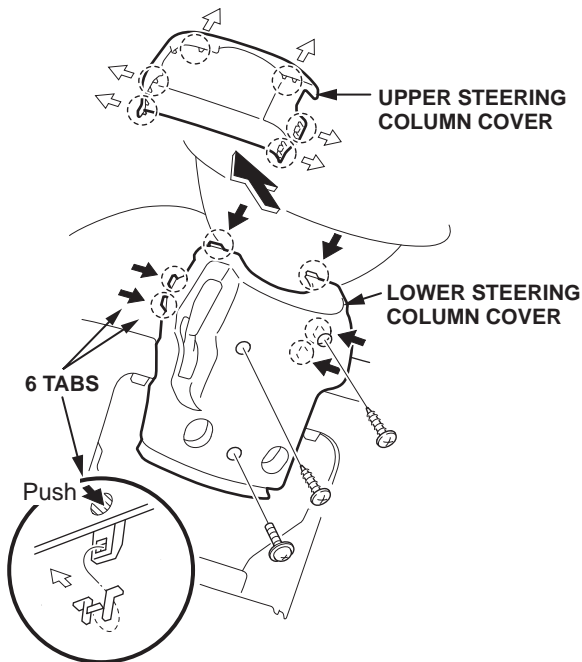


CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin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

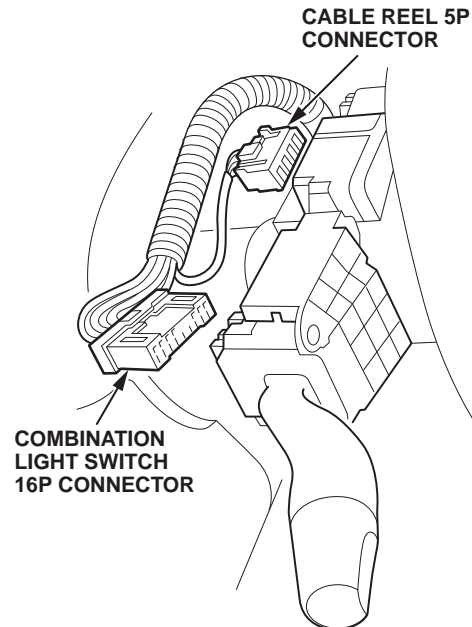
REPAIR PROCEDURE – CR-V

NOTE:

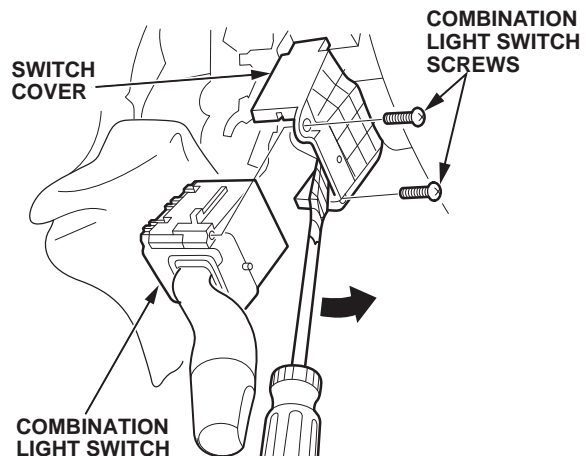
- Over 90 percent of affected vehicles should be repairable with the Combination Light Switch *Wire Kit*.
 - SRS components are located in this area. Before you begin, review the SRS component locations, cautions, and procedures in the service manual.
 - Be careful not to damage the dashboard or other interior trim pieces.
 - For more information on wire terminal replacement and wire splicing, refer to Service Bulletin 00-099, *Terminal Replacement Instructions*.
1. Make sure you have the anti-theft code for the radio, then disconnect the negative cable from the battery, and wait three minutes before starting work.
 2. Remove the three screws, then remove the steering column covers.



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

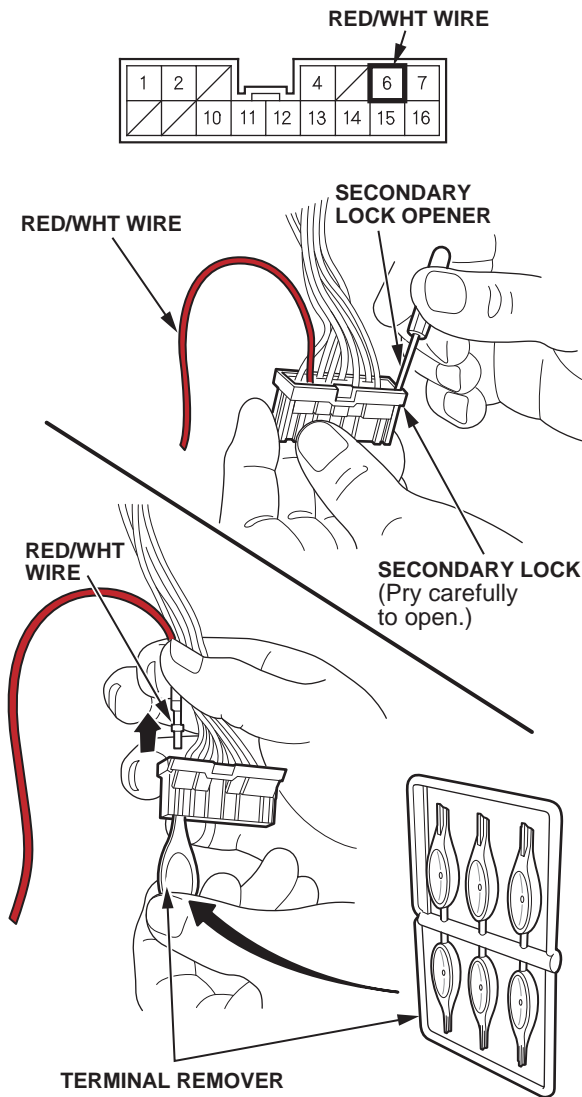


4. Turn the ignition switch to ACC (I), then turn the steering wheel 90 degrees to the left to allow room for removal of the combination light switch.
5. Remove the two screws from the combination light switch.



6. Using a flat-tip screwdriver wrapped with tape, slightly lift the switch cover, then remove the switch.

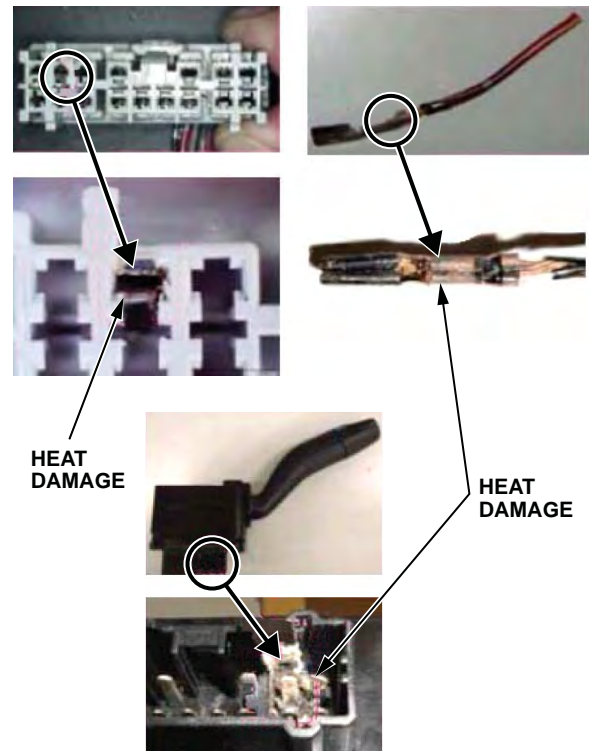
7. Using the secondary lock opener from the Terminal Maintenance Set (T/N 070AZ-S5A0100), carefully pry open the secondary lock on the RED/WHT wire side of the combination light switch 16P connector.



8. Twist off a terminal remover from the Terminal Maintenance Set (T/N 070AZ-S5A0100). Insert the terminal remover into the center row cavity of the 16P connector, above the RED/WHT wire cavity, then remove the RED/WHT wire from the 16P connector.

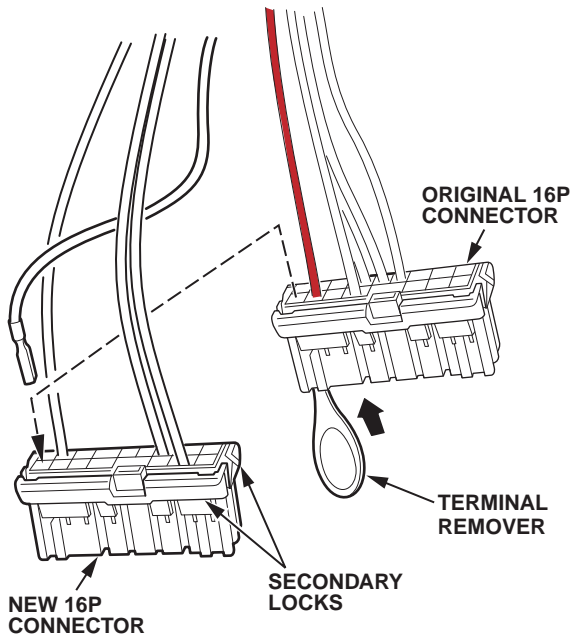
9. Using the photos below, check for signs of heat damage on the 16P connector, the terminal end of the RED/WHT wire, and the 16P terminals of the combination light switch.

- If you don't find any signs of heat damage, *retain the combination light switch* because you'll only be installing a Combination Light Switch *Wire Kit*. Go to step 12.
- If you do find signs of heat damage, *the combination light switch must not be reused* because you'll be installing a Combination Light Switch *Repair Kit*. Go to step 10.

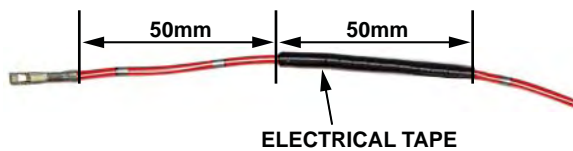


10. Using the secondary lock opener from the Terminal Maintenance Set (T/N 070AZ-S5A0100), carefully pry open the other secondary lock on the 16P connector.

- Twist off a terminal remover from the Terminal Maintenance Set (T/N 070AZ-S5A0100). Insert the terminal remover into a center row cavity of the original 16P connector, remove the corresponding wire from its cavity, and transfer it to the same cavity in the new 16P connector from the repair kit. Repeat this for all the wires *except* the original RED/WHT wire; this wire will be installed later.



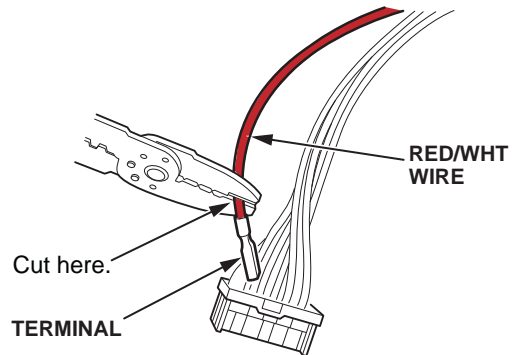
- On the new RED/WHT wire provided in the kit, measure 50 mm from the terminal end, and wrap a 50 mm section of the wire with three turns of electrical tape. This taped section of the wire will be secured to the combination light switch in step 22.



- Strip off 7 mm of insulation from the opposite end of the new RED/WHT wire.

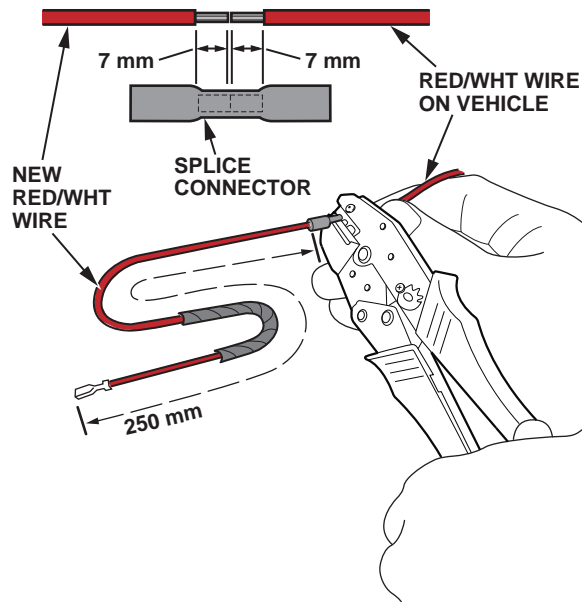
- Cut the vehicle side RED/WHT wire near the terminal, then strip off 7 mm of insulation from the end of the wire.

NOTE: If there was any heat damage to the RED/WHT wire, make sure to cut off the damaged area before you strip off the insulation.



- Insert the stripped end of the new and the original RED/WHT wire into each side of the splice connector from the kit, then, using the wire crimper from Terminal Pin Kit C, crimp the connector on both sides. Slightly pull on both sides of the wire to make sure it's secured in the splice connector.

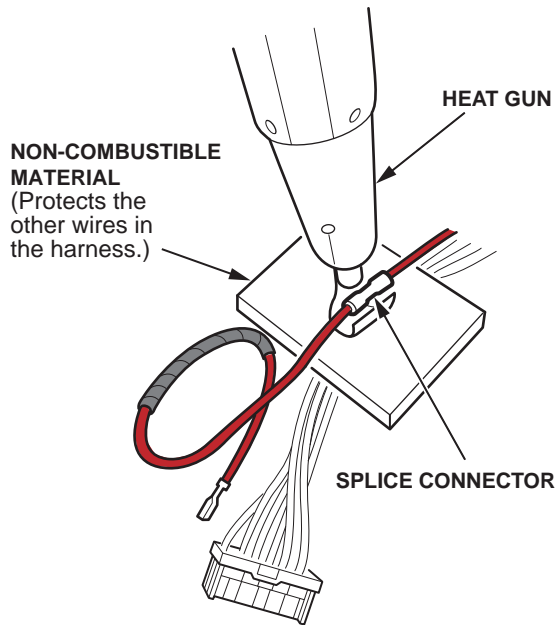
NOTE: To get the correct amount of pressure on the splice connector, you need to use the wire crimper from Terminal Pin Kit C.



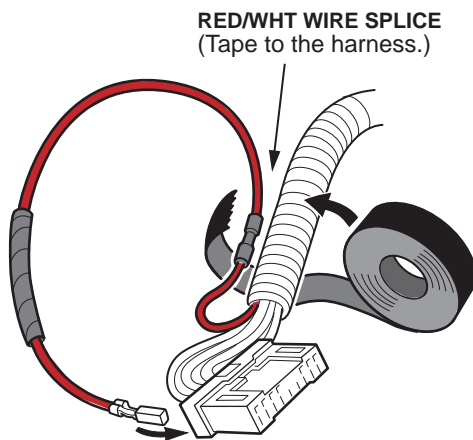
16. With a non-combustible material between the RED/WHT wire and the vehicle wire harness, use a heat gun to shrink the splice connector casing.

NOTE:

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



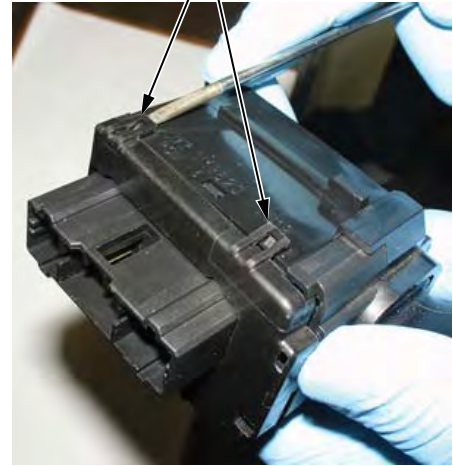
17. Place the wire splice on top of the combination switch wire harness, then attach the splice to the harness by wrapping them together with electrical tape.



18. Insert the new RED/WHT wire into its proper position in the 16P connector, then snap the connector secondary locks closed.

19. Release the cover locks on the combination light switch, then remove the switch cover.

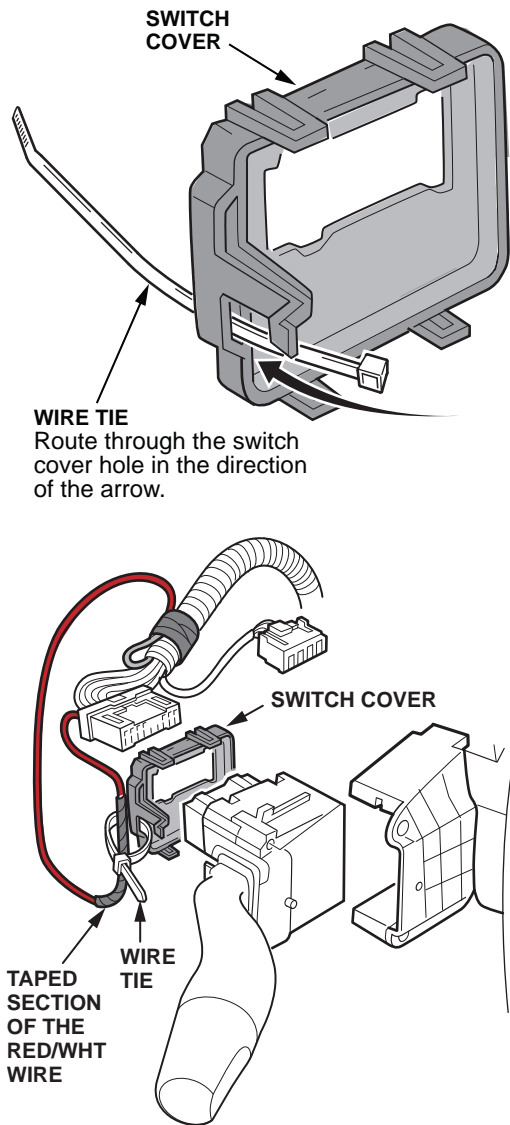
Release the switch cover locks.



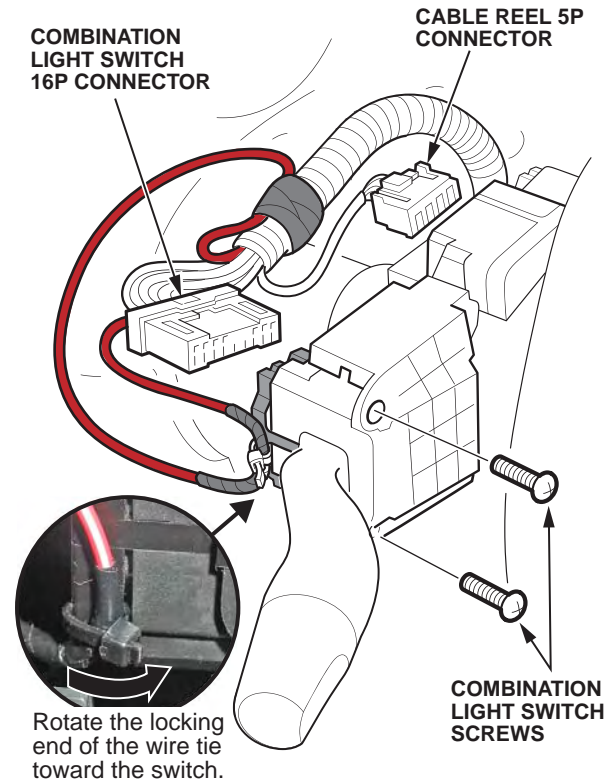
SWITCH COVER Remove.



20. As shown below, route the wire tie from the kit through the hole in the lower corner of the switch cover. Then use the wire tie to secure the RED/WHT wire (in the section you taped in step 14) to the switch cover. Cut off the excess wire tie.



21. Reattach the switch cover to the combination light switch. Make sure the switch cover is properly locked in place.

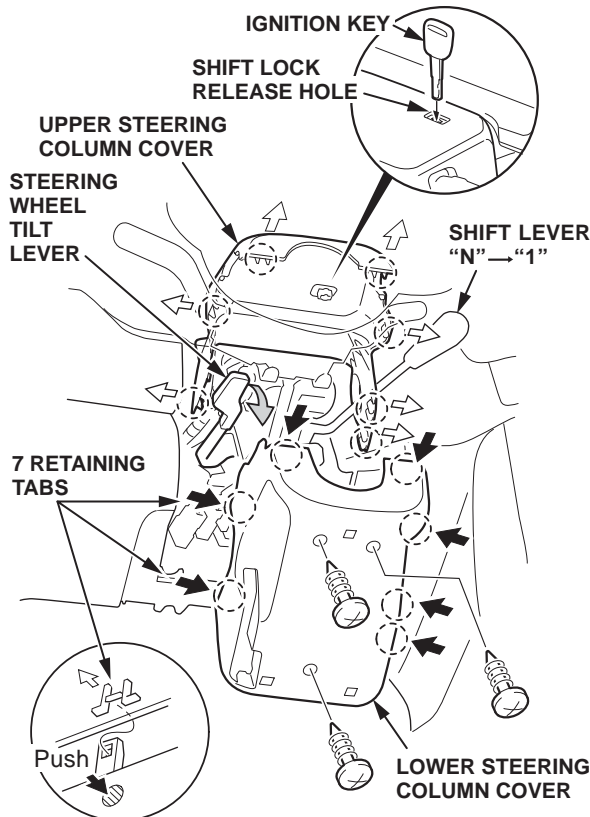


22. Connect the 16P connector to the combination light switch, then reconnect the 5P connector. Make sure the connectors are securely connected.
23. Install the combination light switch with the two original screws.
24. Connect the negative cable to the battery.
25. Check the operation of the headlights, the parking lights, and the turn signals.
26. Install the steering column covers.
27. Enter the radio anti-theft code.

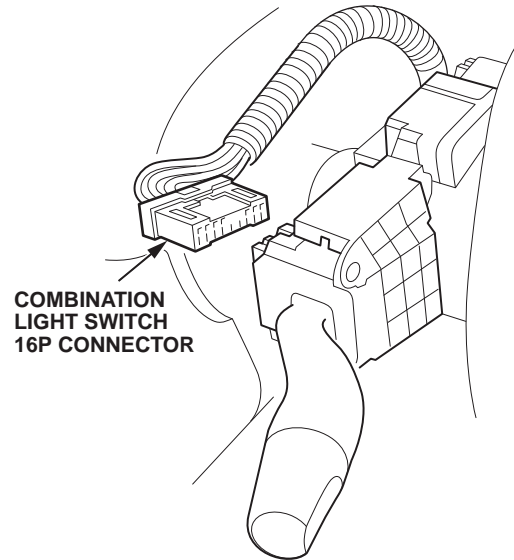
REPAIR PROCEDURE – PILOT

NOTE:

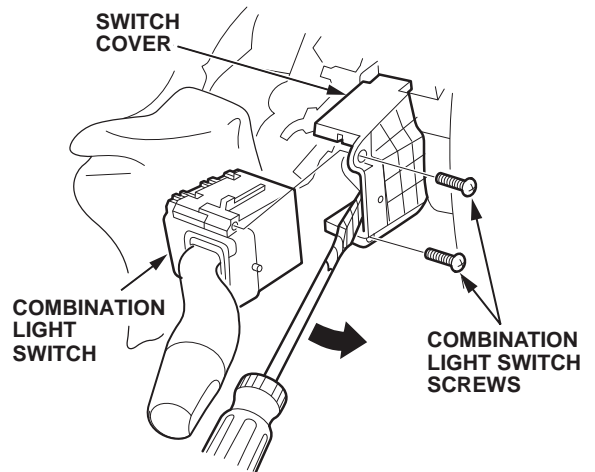
- Some vehicles may have been repaired under Service Bulletin 07-027, *Low Beam Headlights Intermittently Do Not Come On*. If you find a vehicle that has a replacement wire and connector, you still **must** do this recall. Cut the wire out at the wire splice connector, and continue with the repair.
 - Over 90 percent of affected vehicles should be repairable with the Combination Light Switch Wire Kit.
 - SRS components are located in this area. Before you begin, review the SRS component locations, cautions, and procedures in the service manual.
 - Be careful not to damage the dashboard or other interior trim pieces.
 - For more information on wire terminal replacement and wire splicing, refer to Service Bulletin 00-099, *Terminal Replacement Instructions*.
1. Remove the steering column covers.



2. Disconnect the 16P connector from the combination light switch. Then carefully pull the wire harness to the right of the steering column.



3. Turn the ignition switch to ACC (I), then turn the steering wheel 90 degrees to the left to allow room for removal of the combination light switch.
4. Remove the two screws from the combination light switch.

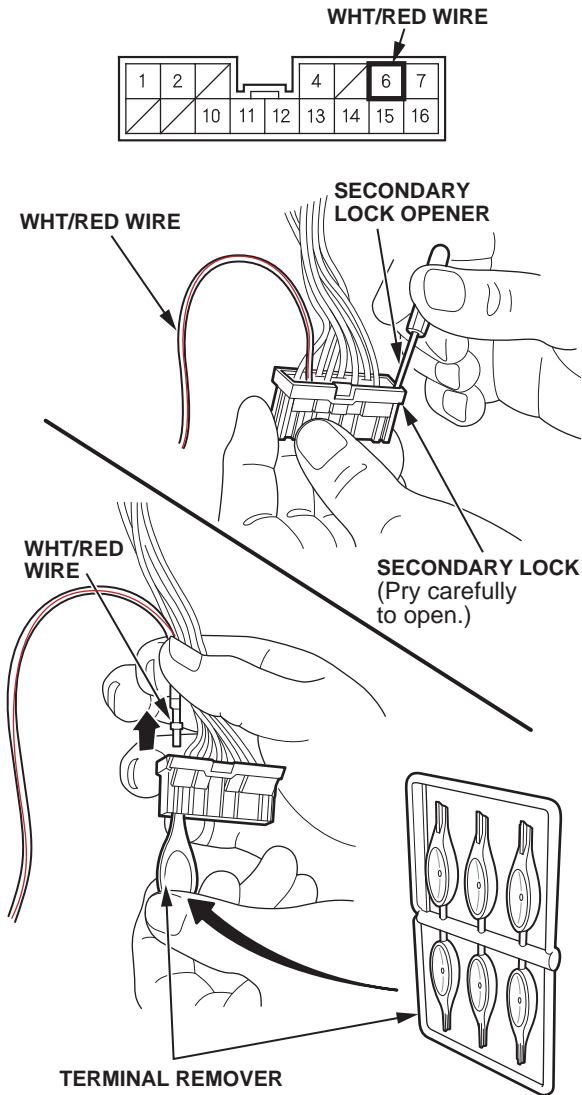


5. Using a flat-tip screwdriver wrapped with tape, slightly lift the switch cover, then remove the switch.

6. Using the secondary lock opener from the Terminal Maintenance Set (T/N 070AZ-S5A0100), carefully pry open the secondary lock on the WHT/RED wire side of the combination light switch 16P connector.

NOTE:

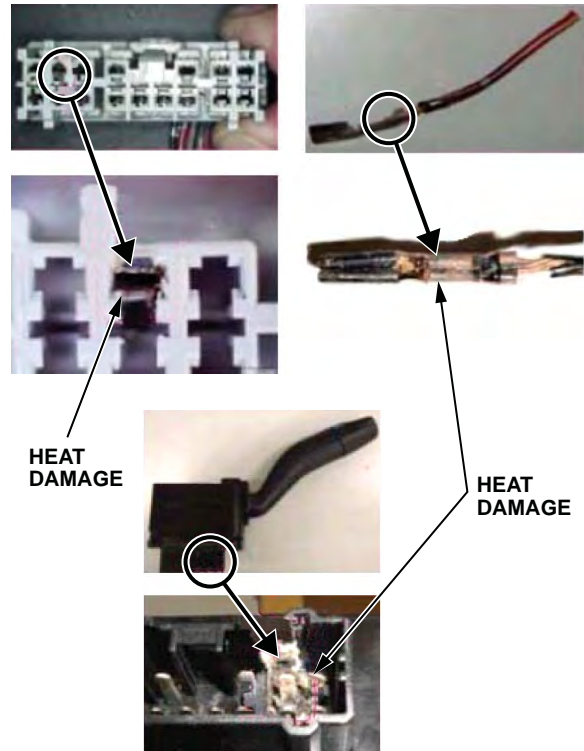
- Make sure you check the **WHT/RED** wire, **not** the RED/WHT wire that is next to it.
- If S/B 07-027 was previously done, there may be a RED/WHT wire present. Cut the wire on the WHT/RED side of the splice connector, and continue with the repair.



7. Twist off a terminal remover from the Terminal Maintenance Set (T/N 070AZ-S5A0100). Insert the terminal remover into the center row cavity of the 16P connector, above the WHT/RED wire cavity, then remove the WHT/RED wire from the 16P connector.

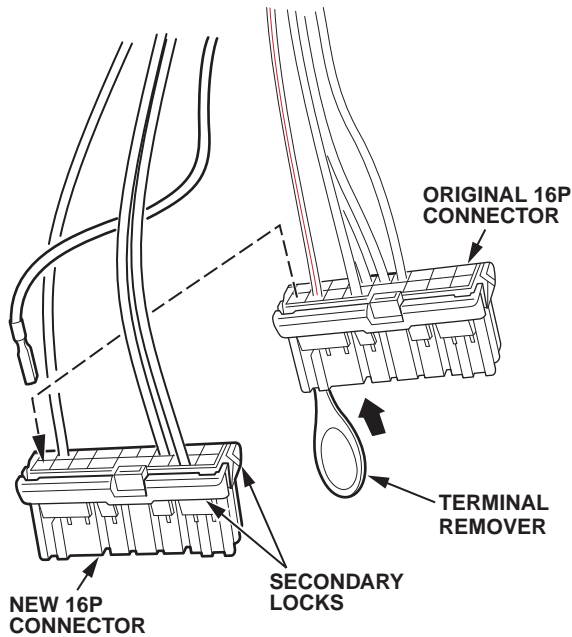
8. Using the photos below, check for signs of heat damage on the 16P connector, the terminal end of the WHT/RED wire, and the 16P terminals of the combination light switch.

- If you don't find any signs of heat damage, *the combination light switch will be reused* because you'll only be installing a Combination Light Switch Wire Kit. Go to step 11.
- If you do find signs of heat damage, *the combination light switch must not be reused* because you'll be installing a Combination Light Switch Repair Kit. Go to step 9.

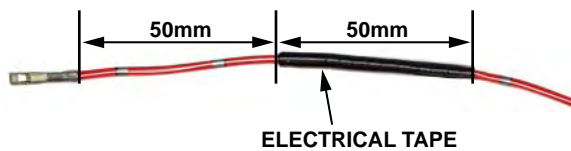


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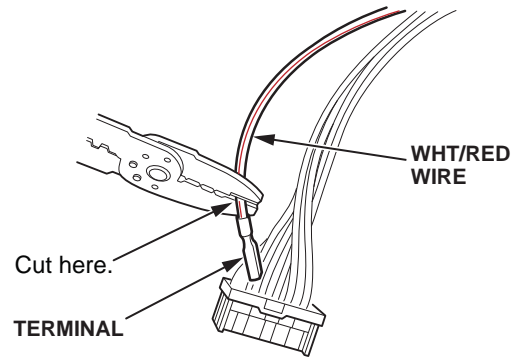
11. On the new RED/WHT wire provided in the kit, measure 50 mm from the terminal end, and wrap a 50 mm section of the wire with three turns of electrical tape. This taped section of the wire will be secured to the combination light switch in step 22.



12. Strip off 7 mm of insulation from the opposite end of the new RED/WHT wire.

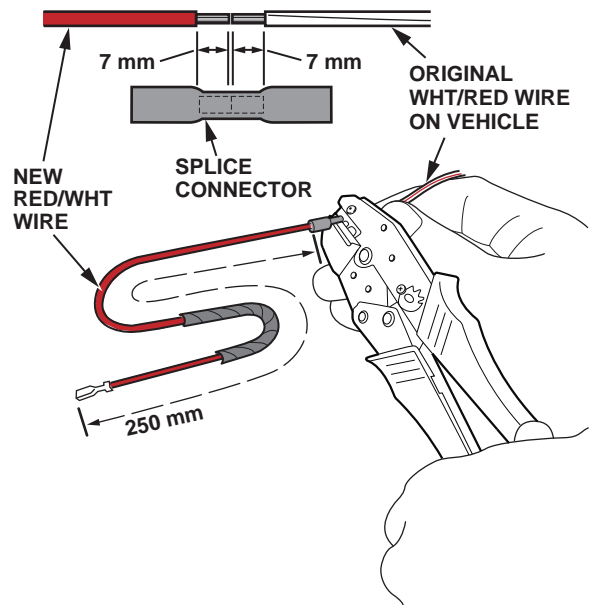
13. Cut the vehicle side WHT/RED wire near the terminal, then strip off 7 mm of insulation from the end of the wire.

NOTE: If there was any heat damage to the wire, make sure to cut off the damaged area before you strip off the insulation.



14. Insert the stripped end of the new RED/WHT wire and the original WHT/RED wire into each side of the splice connector from the kit, then, using the wire crimper from Terminal Pin Kit C, crimp the connector on both sides. Slightly pull on both sides of the wire to make sure it's secured in the splice connector.

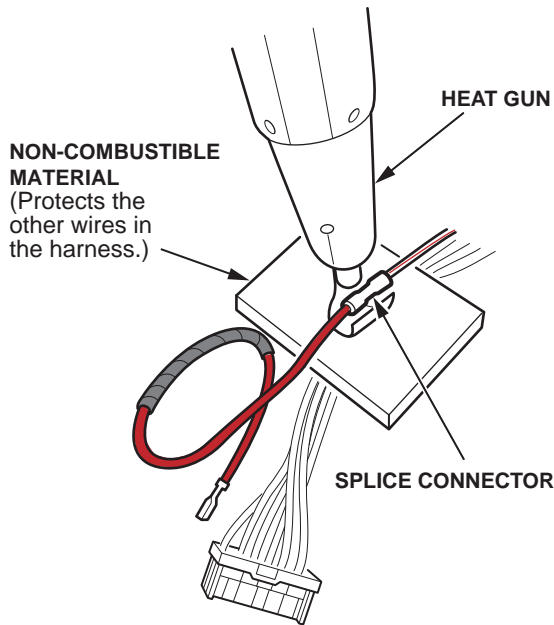
NOTE: To get the correct amount of pressure on the splice connector, you need to use the wire crimper from Terminal Pin Kit C.



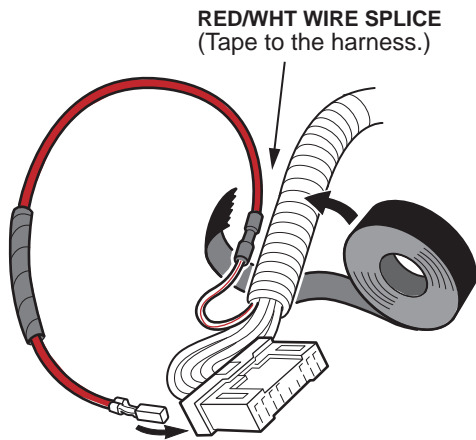
15. With a non-combustible material between the wire and the vehicle wire harness, use a heat gun to shrink the splice connector casing.

NOTE:

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

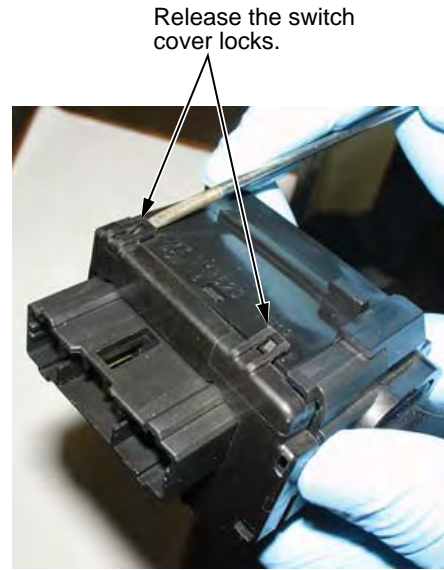


16. Place the wire splice on top of the combination switch wire harness, then attach the splice to the harness by wrapping them together with electrical tape.

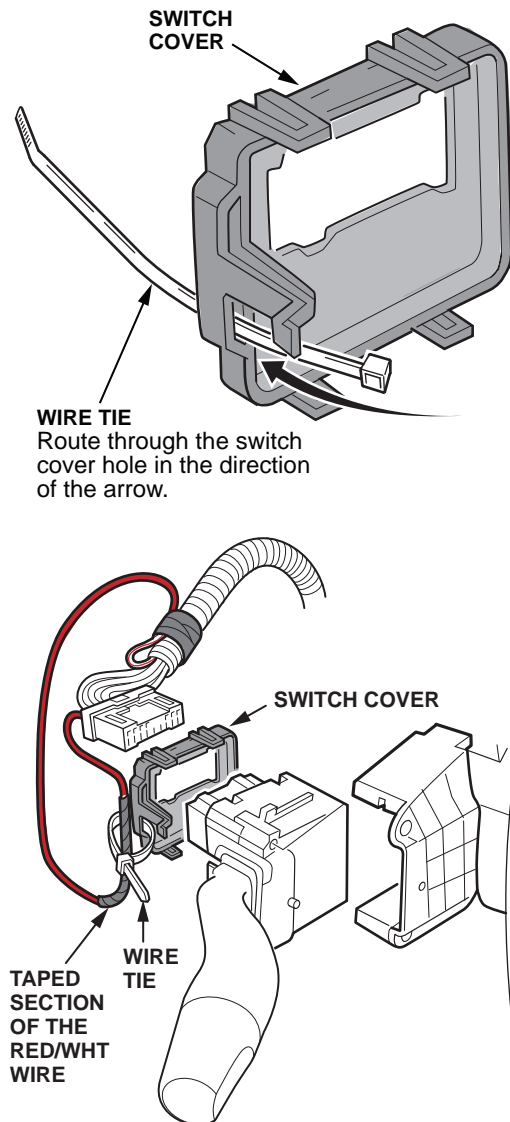


17. Insert the new RED/WHT wire into its proper position in the 16P connector, then snap the connector secondary locks closed.

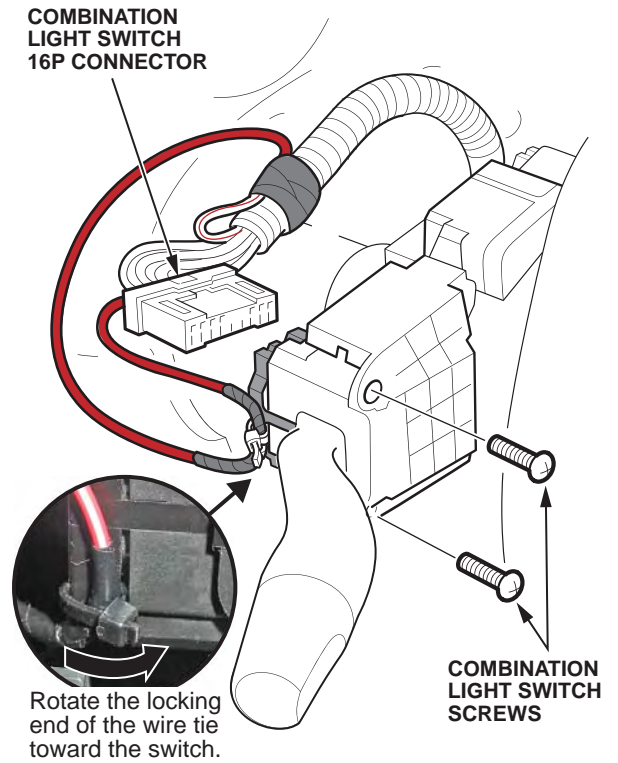
18. Release the cover locks on the combination light switch, then remove the switch cover.



19. As shown below, route the wire tie from the kit through the hole in the lower corner of the switch cover. Then use the wire tie to secure the RED/WHT wire (in the section you taped in step 11) to the switch cover. Cut off the excess wire tie.



20. Reattach the switch cover to the combination light switch. Make sure the switch cover is properly locked in place.



21. Connect the 16P connector to the combination light switch. Make sure the connector is securely connected.
22. Install the combination light switch with the two original screws.
23. Check the operation of the headlights, the parking lights, and the turn signals.
24. Install the steering column covers.