

Starting and Charging: All Technical Service Bulletins Campaign - Electrical Center Battery Stud

Number: 94-C-59

Section: SB

Date: Nov., 1994

SUBJECT:

PRODUCT CAMPAIGN 94-C-59 - ELECTRICAL CENTER BATTERY STUD

MODEL AND YEAR:

1994 CHEVROLET CAPRICE SEO VEHICLES (POLICE CARS, TAXI AND SPECIAL SERVICE WAGONS)

To: All Chevrolet/Geo Dealers

General Motors has determined that certain 1994 Chevrolet Caprice Police, Taxi and Special Service Wagon vehicles may experience overheating of the battery cable connection at the underhood electrical center stud. This may cause melting of the battery cable plastic cover, the plastic stud housing and/or the stud itself, resulting in loss of vehicle power.

To correct this condition, dealers are to install a new battery cable stud made of improved material.

VEHICLES INVOLVED

YEAR	MODEL	PLANT	PLANT CODE	FROM	THROUGH
1994	B-Car	Arlington	"R"	RR100013	RR202847

Involved are certain 1994 Chevrolet Caprice Police Cars (SEO 9C1), Special Service Station Wagons (SEO 1A2) and Taxi Vehicles (SEO 9C6) built within the VIN breakpoints as shown.

Involved vehicles have been identified by Vehicle Identification Number Computer Listings. Computer listings contain the complete Vehicle Identification Number, owner name and address data, and are furnished to involved dealers with the campaign bulletin. Owner name and address data furnished will enable dealers to follow-up with owners involved in this campaign.

These listings may contain owner names and addresses obtained from State Motor Vehicle Registration Records. The use of such motor vehicle registration data for any other purpose is a violation of law in several states. Accordingly, you are urged to limit the use of this listing to the follow-up necessary to complete this campaign. Any dealer not receiving a computer listing with the campaign bulletin has no involved vehicles currently assigned.

OWNER NOTIFICATION

Owners will be notified of this campaign on their vehicles by Chevrolet Motor Division (see copy of owner letter included with this bulletin).

DEALER CAMPAIGN RESPONSIBILITY

All unsold new vehicles in dealers' possession and subject to this campaign must be held and inspected/repaired per the service procedure of this campaign bulletin before owners take possession of these vehicles.

Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership, from this time forward.

Owners of vehicles recently sold from your new vehicle inventory with no owner information indicated on the dealer listing, are to be contacted by the dealer, and arrangements made to make the required correction according to the instructions contained in this bulletin. This could be done by mailing to such owners a copy of the owners letter accompanying this bulletin. Campaign follow-up cards should not be used for this purpose, since the owner may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this campaign enters your vehicle inventory, or is in your dealership for service in the future, please take the steps necessary to be sure the campaign correction has been made before selling or releasing the vehicle.

PARTS INFORMATION

Part Number	Description	Quantity/ Vehicle
12161130	Stud Assembly, Battery Cable	1
11516161	Nut, Stud Assembly	1
12146183	Cover, Electrical Center Stud	As Required
12129481	Bussbar (65mm, Inboard Side, Terminal Cavity L1 & L3)	As Required
12146182	Bussbar (75mm, Outboard Side, Terminal Cavity L2 & L4)	As Required

Parts required to complete this campaign should be ordered from General Motors Service Parts Operations (GMSPO). To ensure these parts will be obtained as soon as possible, they should be ordered on a "C.I.O." order with no special instruction code, but on an advise code two (2)

NOTE:

It is anticipated that less than 25% of the electrical center stud covers will require replacement and that less than 5% of the bussbars will require replacement. please order your parts accordingly.

SERVICE PROCEDURE

1. Disconnect negative battery cable from battery. Be sure all auxiliary devices (police radios, radars, etc.) are turned off prior to disconnecting battery. Technicians may wish to consult with vehicle driver on proper deactivation procedures for these devices. Radio settings should also be noted prior to disconnecting battery so they may be reset later.

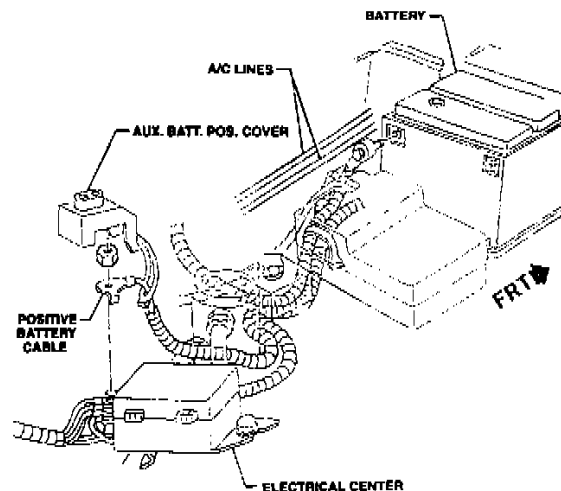


FIGURE 1

2. Remove "AUX. BATT. POS. COVER" (Figure 1) from electrical center stud. Electrical center and stud is located on top of right hand wheelhouse, just ahead of front of dash.
3. Remove stud nut (not to be reinstalled) and positive battery cable from stud (Figure 1).
4. Remove two nuts holding electrical center to wheelhouse.
5. Remove top cover from electrical center.

REMOVAL OF ELECTRICAL CENTER FROM PLASTIC BRACKET

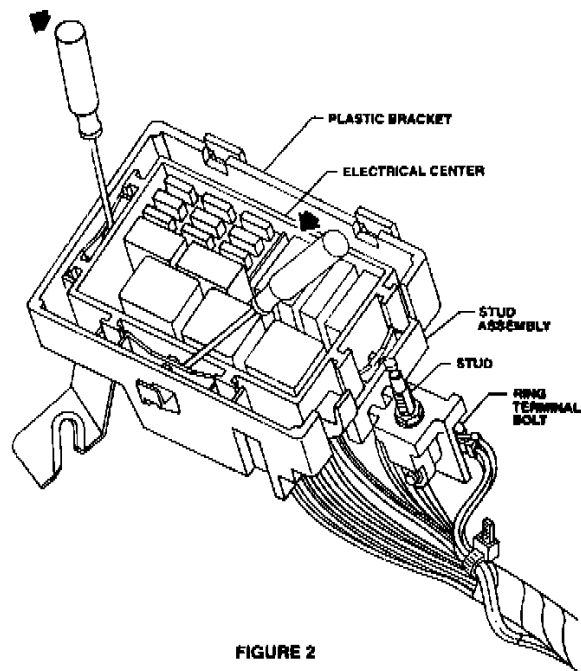


FIGURE 2

6. Remove electrical center from plastic bracket. Use a small screwdriver to release retaining tabs (Figure 2).

REMOVAL OF SMALL SHORTING PREVENTION COVER

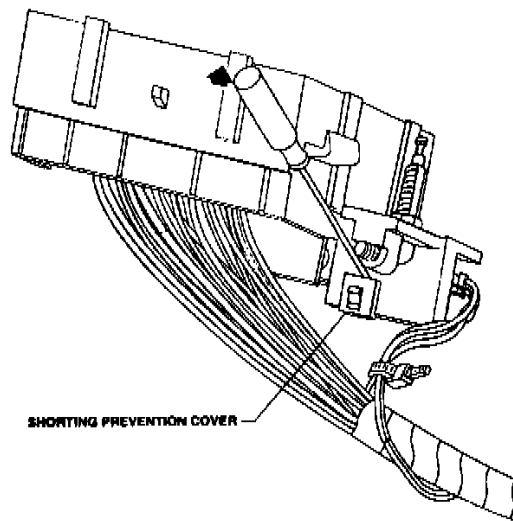


FIGURE 3

7. Remove small shorting prevention cover from lower portion of stud assembly (Figure 3).
8. Remove bolt securing ring terminals to bottom portion of stud assembly (Figure 2).
9. Remove 4 large Maxi-fuses.

REMOVAL OF DARK GRAY PLASTIC TPA

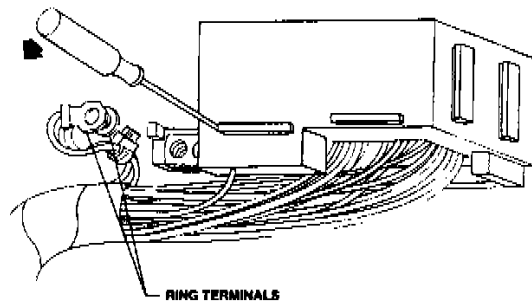
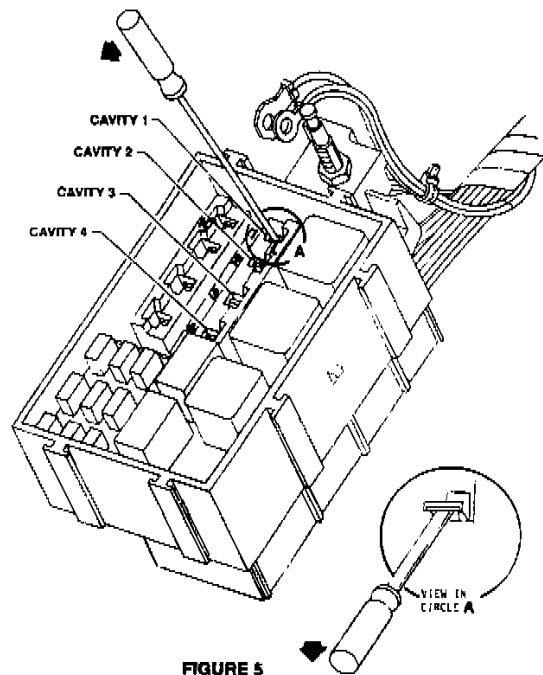


FIGURE 4

10. Remove Terminal Position Assurance "TPA" closest to stud (Figure 4).

REMOVAL OF BUSSBARS



11. Use a small flat blade screwdriver to release the four terminals securing the two bussbars in electrical center (see Figure 5) Pull bussbar out the bottom.

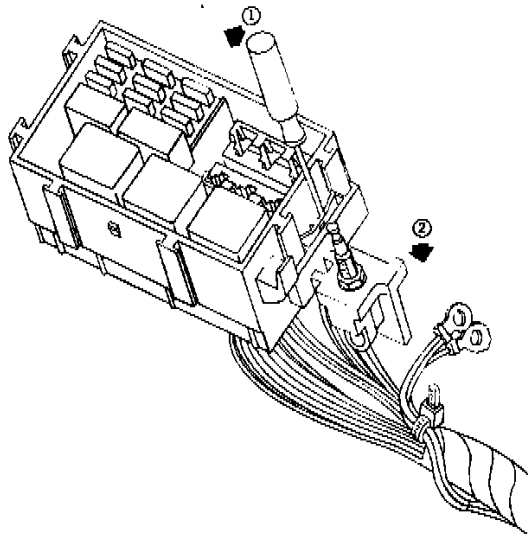
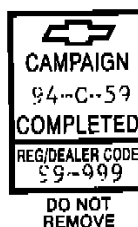


FIGURE 6

12. Release retaining tab, then slide stud assembly from electrical center (Figure 6).
13. Install new stud assembly to electrical center.
14. Reinstall bussbars. Make certain bussbars are not damaged, and click them firmly into place. If bussbars are damaged, replacement is required.
15. Reinstall "TPA."
16. Reinstall Maxi-fuses. Refer to inside cover label for correct positions.
17. Route wires horizontally toward front of dash (at a 45 degree angle away from electrical center). Secure ring terminals to lower stud assembly. Torque nut to 8 Nm +/- 2 Nm (70 lb. in.).
18. Reinstall shorting prevention cover over bottom of stud assembly.
19. Reassemble electrical center to lower portion of plastic bracket.
20. Reinstall top cover.
21. Reinstall bracket to wheelhouse and torque to 6.0 Nm +/- 1.0 Nm (50 lb. in.).
22. Reconnect positive battery cable to stud with new nut and torque to 14 Nm +/- 2.0 Nm (10 lb. ft.).
23. Reinstall "AUX. BATT. POS. COVER1?" to stud. If cover is damaged, replacement is required.
24. Reconnect negative battery cable and torque to 17 Nm +/- 3.0 Nm (12.5 lb. ft.). Reactivate auxiliary devices (police radios, radars, etc.). Technicians may wish to consult with vehicle driver on proper activation procedures for these devices. Radio & clock settings should also be reset.
25. Install Campaign Identification Label.

CAMPAIGN IDENTIFICATION LABEL



Each vehicle corrected in accordance with the instructions outlined in this Product Campaign Bulletin will require a "Campaign

Identification Label." Each label provides a space to include the campaign number and the five (5) digit dealer code of the dealer performing the campaign service. This information may be inserted with a typewriter or a ball point pen.

Each "Campaign Identification Label" is to be located on the radiator core support in an area which will be visible when the vehicle is brought in for periodic servicing by the owner. Additional "Campaign Identification Labels" can be obtained from DAC.

Apply "Campaign Identification Label" only on a clean, dry surface.

CLAIM INFORMATION

REPAIR PERFORMED	PC	FAILED PART NO.	PARTS ALLOW	CC-FC	LABOR OP	LABOR HOURS	* OTHER HOURS
Replace Stud/Nut	1	12161130	**	SK-00	V9360	0.5	0.1
Replace Stud/Nut & Cover	2	12161130	**	SK-00	V9361	0.5	0.1
Replace Stud/Nut, Cover & 1 Bussbar	3	12161130	**	SK-00	V9362	0.5	0.1
Replace Stud/Nut, Cover & 2 Bussbars	4	12161130	**	SK-00	V9363	0.5	0.1

* Campaign Administrative Allowance.

** The "Parts Allowance" should be the sum total of the current GMSPO Dealer Net price plus 40% of all parts required for the repair.

Submit a Product Campaign Claim with the information indicated as shown.

Refer to the Chevrolet Claims Processing Manual for details on Product Campaign Claim Submission.

November, 1994

Dear Chevrolet Caprice Owner:

This notice is sent to inform you that Chevrolet Motor Division is conducting a recall campaign that includes your vehicle.

REASON FOR THIS RECALL

General Motors has determined that certain 1994 Chevrolet Caprice Police, Taxi and Special Service Wagon vehicles may experience overheating of the battery cable connection at the underhood electrical center stud. This may cause melting of the battery cable plastic cover, the plastic stud housing and/or the stud itself, resulting in loss of vehicle power.

WHAT WE WILL DO

To correct this condition, your dealer will install a new battery cable stud made of improved material. This service will be performed for you at no charge.

WHAT YOU SHOULD DO

Please contact your Chevrolet dealer as soon as possible to arrange a service date and so the dealer may order the necessary parts for the repair. Instructions for performing this service have been sent to your dealer and parts are available. Please contact your dealer to arrange a service date as soon as possible. You may ask your dealer if you wish to know how much time will be needed to schedule and process your vehicle.

The enclosed owner reply card identifies your vehicle. Presentation of this card to your dealer will assist in making the necessary repair. Instructions for performing this service have been sent to your dealer and parts are available. Please contact your dealer to arrange a service date as soon as possible. You may ask your dealer if you wish to know how much time will be needed to schedule and process your vehicle.

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