

# 1994 Corvette: Recall: Left Rear Engine Wiring Harness

**Subject:** Left Rear Engine Wiring Harness Routing

**Model and Year:** 1994 Corvette with LT1 Engine

**Source:** Product Campaign

**Bulletin Number:** 94C21

94C21 MARCH, 1994

PRODUCT CAMPAIGN 94C21 - LEFT REAR ENGINE WIRING HARNESS  
ROUTING

1994 CORVETTE WITH LT1 ENGINE

THIS IS A SUMMARY OF CHEVROLET CAMPAIGN 94C21 ORIGINALLY  
ISSUED AS DCS ADMINISTRATIVE MESSAGE 01-082 DATED FEBRUARY 23,  
1994.

**TO: ALL CHEVROLET/GEO DEALERS**

GENERAL MOTORS HAS DETERMINED THAT CERTAIN 1994 CHEVROLET  
CORVETTE MODEL VEHICLES WITH LT1 ENGINE MAY HAVE BEEN BUILT  
WITH A SECTION OF THE LEFT REAR ENGINE WIRING HARNESS IN  
CONTACT WITH THE EXHAUST MANIFOLD. AN INCORRECTLY POSITIONED  
WIRING HARNESS MAY ALLOW THE HARNESS CONDUIT TO MELT ONTO  
THE MANIFOLD. EXPOSURE TO HIGH TEMPERATURES OVER AN EXTENDED  
PERIOD OF TIME WILL CAUSE THE WIRE INSULATION TO BECOME BRITTLE  
AND CRACK.

TO CORRECT THIS CONDITION, DEALERS ARE TO INSPECT THE LEFT REAR  
ENGINE WIRING HARNESS FOR DAMAGE, REPAIR IT AS NECESSARY AND  
REROUTE THE HARNESS.

VEHICLES INVOLVED

INVOLVED ARE CERTAIN 1994 CHEVROLET CORVETTE MODEL VEHICLES EQUIPPED WITH LT1 ENGINES AND BUILT WITHIN THE FOLLOWING VIN BREAKPOINTS:

PLANT YEAR MODEL PLANT CODE FROM THROUGH

1994 Y-CAR BOWLING GREEN "5" R5108900 R5110650

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

NO PARTS ARE REQUIRED TO COMPLETE THIS CAMPAIGN.

#### SERVICE PROCEDURE

1. OPEN HOOD (FOR VISIBILITY). RAISE VEHICLE.
2. DISCONNECT LEFT CATALYTIC CONVERTER OXYGEN SENSOR LEAD (LOCATED ON FRONT CONVERTER PIPE).
3. REMOVE LEFT CATALYTIC CONVERTER (REFER TO PAGE 6F-7 OF 1994 CORVETTE SERVICE MANUAL).
  - A. REMOVE THREE BOLTS AT REAR OF LEFT HAND CONVERTER(VIEW A).
  - B. LOOSEN CLAMP ON RIGHT HAND PIPE BEHIND RIGHT HAND CATALYTIC CONVERTER #9, VIEW B(VIN P).
  - C. REMOVE 2 BOLTS AT BOTTOM OF SPRING HANGER, IN FRONT OF REAR

"Y" (#3).

D. SLIDE EXHAUST SYSTEM TO REAR, APPROXIMATELY 1 INCH.

E. REMOVE 3 BOLTS FROM LEFT HAND CATALYTIC CONVERTER TO EXHAUST MANIFOLD.

F. REMOVE LEFT HAND CATALYTIC CONVERTER.

4. INSPECT HARNESS FOR ANY SIGNS OF DAMAGE TO WIRES. MINOR MELTING OF CONDUIT IS ACCEPTABLE. IF WIRES ARE DAMAGED, REPAIR AS REQUIRED. ANY WIRES THAT MUST BE REPLACED MUST BE SOLDERED.

5. AFTER NOTING RADIO SETTINGS, REMOVE FASTENER AT NEGATIVE BATTERY CABLE/GROUND TERMINAL LOCATION.

6. REMOVE BATTERY CABLE AND ROUTE PER 1994 CORVETTE SERVICE MANUAL ILLUSTRATION ON PAGE 6D5-4 FIGURE 3, LEFT SIDE VIEW. REINSTALL BATTERY CABLE IN FRONT OF HARNESS, SO THAT IT KEEPS HARNESS AWAY FROM MANIFOLD.

7. RECONNECT BATTERY CABLE. RESET RADIO SETTINGS AND CLOCK.

8. REINSTALL LEFT HAND CATALYTIC CONVERTER BY REVERSING PROCEDURE FROM STEP 3.

9. RECONNECT LEFT HAND CATALYTIC CONVERTER OXYGEN SENSOR LEAD.

10. LOWER VEHICLE, INSTALL CAMPAIGN IDENTIFICATION LABEL AND CLOSE HOOD.

#### 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

SUBMIT A PRODUCT CAMPAIGN CLAIM WITH THE INFORMATION INDICATED BELOW:

\* REPAIR FAILED PARTS LABOR LABOR OTHER PERFORMED PC PART NO.  
ALLOW CC-FC OP HOURS HOURS

INSPECT, REPAIR (IF REQUIRED), - - - - SK-00 V8660 1.1 0.1 REROUTE  
WIRING

\* CAMPAIGN ADMINISTRATIVE ALLOWANCE.

DEALERS WILL AUTOMATICALLY RECEIVE THE CORRECT LABOR ALLOWANCE BASED ON THE LABOR OPERATION PERFORMED.

REFER TO THE CHEVROLET CLAIMS PROCESSING MANUAL FOR DETAILS ON PRODUCT CAMPAIGN CLAIM SUBMISSION.

94C21

(NOTIFICATION USED BY CHEVROLET MOTOR DIVISION)

MARCH, 1994

DEAR CHEVROLET CORVETTE 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 CORVETTE MODEL VEHICLES WITH LT1 ENGINE MAY HAVE BEEN BUILT WITH A SECTION OF THE LEFT REAR ENGINE WIRING HARNESS IN CONTACT WITH THE EXHAUST MANIFOLD. AN INCORRECTLY POSITIONED WIRING HARNESS MAY ALLOW THE HARNESS CONDUIT TO MELT ONTO THE MANIFOLD. EXPOSURE TO HIGH TEMPERATURES OVER AN EXTENDED PERIOD OF TIME WILL CAUSE THE WIRE INSULATION TO BECOME BRITTLE AND CRACK.

#### WHAT WE WILL DO

TO CORRECT THIS CONDITION, YOUR DEALER WILL INSPECT THE LEFT REAR ENGINE WIRING HARNESS FOR DAMAGE, REPAIR IT AS NECESSARY AND REROUTE THE HARNESS. 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. 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 CORRECTION IN THE SHORTEST POSSIBLE TIME. IF YOU HAVE SOLD OR TRADED YOUR VEHICLE, PLEASE LET US KNOW BY COMPLETING THE POSTAGE PAID REPLY CARD AND RETURNING IT TO US.

WE ARE SORRY TO CAUSE YOU THIS INCONVENIENCE; HOWEVER, WE HAVE TAKEN THIS ACTION IN THE INTEREST OF YOUR CONTINUED

SATISFACTION WITH OUR PRODUCTS.

CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION

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