

# 1995 Corvette: Recall: High Shift Effort Into Reverse Gear on Manual Transmission

**Subject:** Product Campaign - High Shift Effort Into Reverse Gear on Manual Transmission

**Model and Year:** 1995 Chevrolet Corvette

**Source:** Chevrolet Product Campaign

**Bulletin Number:** 95-C-16

**To: All Chevrolet/Geo Dealers**

General Motors has determined that certain 1995 Chevrolet Corvette model vehicles with 6-speed manual transmissions may have transmission lubricant trapped behind a "shift shaft detent" which may result in a high shift effort into the reverse gear. This high shift effort may prevent engagement of the reverse gear.

To correct this condition, dealers are to replace the "shift detent ball roller" located within the manual transmission.

## VEHICLES INVOLVED

Involved are certain 1995 Chevrolet Corvette model vehicles with 6-speed manual transmissions built within the following VIN breakpoints:

Year	Model	Plant	Code	From - through
1995	Y-Car	Bowling Green	"5"	S5101255 - S5103968
1995	Y-Car	Bowling Green	"5"	S5800001 S5800061

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**

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

Quantity/	Part Number	Description	Vehicle
12528778		Shift Detent Ball Roller	1

## **SERVICE PROCEDURE**

1. Raise vehicle on hoist
2. Loosen clutch actuator cylinder.

**Notice: Nearby exhaust pipe may be hot.**

3. Remove shift shaft detent plug (Figure 1,Item 174) with 10 mm hex wrench.
4. Remove inner spring (Figure 1, Item 175) and outer spring (Figure 1, Item 176).

5. Remove shift shaft detent (Figure 1, Item 177).
6. Install revised shift shaft detent (Figure 1, Item 177).
7. Install inner spring (Figure 1, Item 175) and outer spring (Figure 1, Item 176).
8. Install and torque shift shaft detent plug (Figure 1, Item 174) to 35 Nm (26 lb. Ft.).
9. Tighten actuator cylinder. Torque nuts to 25 Nm (19 lb. ft.).
10. Remove vehicle from hoist.
11. 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**

Submit a Product Campaign Claim with the information indicated below:

\* FAILED PARTS LABOR LABOR OTHER REPAIR PERFORMED PC PART NO. ALLOW  
 CC-FC OP HOURS HOURS ----- Replace  
 Shift 1 12528778 \*\* SK-00 V9490 0.5 0.1 Shaft Detent

\* 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.

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

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 1995 Chevrolet Corvette model vehicles with 6-speed manual transmissions may have transmission lubricant trapped behind a "shift shaft detent" which may result in a high shift effort into the reverse gear. This high shift effort may prevent engagement of the reverse gear.

### **WHAT WE WILL DO**

To correct this condition, dealers are to replace the "shift detent ball roller" located within the manual transmission. 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 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

General Motors bulletins are intended for use by professional technicians, not a "do-it-yourselfer". They are written to inform those technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions and know-how to do a job properly and safely. If a condition is described, do not assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See a General Motors dealer servicing your brand of General

Motors vehicle for information on whether your vehicle may benefit from the information.

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