

# 1984 Corvette: Recall: Front Brake Caliper Bracket Bolt

**Subject:** PRODUCT SAFETY FRONT BRAKE CALIPER BRACKET BOLT

**Model and Year:** 1984 CHEVROLET CORVETTE MODELS (VIN: E5100001 - E5109828)

**Source:** Chevrolet Product Campaign

**Bulletin Number:** 84-C-02 - (06/01/1983)

THE NATIONAL TRAFFIC AND MOTOR VEHICLE SAFETY ACT, AS AMENDED, PROVIDES THAT EACH VEHICLE WHICH IS SUBJECT TO A RECALL CAMPAIGN OF THIS TYPE MUST BE ADEQUATELY REPAIRED WITHIN A REASONABLE TIME AFTER THE OWNER HAS TENDERED IT FOR REPAIR. A FAILURE TO ADEQUATELY REPAIR WITHIN 60 DAYS AFTER TENDER OF A VEHICLE IS PRIMA FACIE EVIDENCE OF FAILURE TO REPAIR WITHIN A REASONABLE TIME. IF THE CONDITION IS NOT ADEQUATELY REPAIRED WITHIN A REASONABLE TIME, THE OWNER MAY BE ENTITLED TO AN IDENTICAL OR REASONABLY EQUIVALENT VEHICLE AT NO CHARGE OR TO A REFUND OF THE PURCHASE PRICE LESS A REASONABLE ALLOWANCE FOR DEPRECIATION.

TO VOID HAVING TO PROVIDE THESE BURDENSOME SOLUTIONS, EVERY EFFORT MUST BE MADE TO PROMPTLY SCHEDULE AN APPOINTMENT WITH EACH OWNER AND TO REPAIR THEIR VEHICLE AS SOON AS POSSIBLE. AS YOU WILL SEE IN READING THE ATTACHED COPY OF THE LETTER WHICH IS BEING SENT TO OWNERS, THE OWNERS ARE BEING INSTRUCTED TO CONTACT THE NEAREST CHEVROLET ZONE OFFICE IF THEIR DEALER DOES NOT REMEDY THE CONDITION WITHIN FIVE DAYS OF THE MUTUALLY AGREED UPON SERVICE DATE. IF THE CONDITION IS

NOT REMEDIED WITHIN A REASONABLE TIME, THEY ARE INSTRUCTED HOW TO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION.

#### DEFECT INVOLVED

GENERAL MOTORS HAS DETERMINED THAT A DEFECT WHICH RELATES TO MOTOR VEHICLE SAFETY EXISTS IN CERTAIN EARLY PRODUCTION 1984 CORVETTES. THE FRONT BRAKE CALIPER BRACKET TO STEERING KNUCKLE ATTACHING BOLTS MAY LOOSEN AND FALL OUT. THE FRONT BRAKE CALIPER MAY THEN BECOME PARTIALLY DETACHED FROM THE KNUCKLE ASSEMBLY AND MAY CAUSE THE WHEEL TO LOCK. SHOULD THIS OCCUR WHILE THE VEHICLE IS IN MOTION, IT COULD RESULT IN A LOSS OF CONTROL, A VEHICLE CRASH COULD OCCUR WITHOUT PRIOR WARNING.

TO PREVENT THE POSSIBILITY OF THIS CONDITION OCCURRING, CHEVROLET DEALERS ARE TO REPLACE THE FRONT BRAKE CALIPER BRACKET TO STEERING KNUCKLE ATTACHING BOLTS ON ALL INVOLVED VEHICLES IN ACCORDANCE WITH THE SERVICE PROCEDURE AS OUTLINED IN THIS CAMPAIGN BULLETIN.

#### VEHICLES INVOLVED

INVOLVED ARE ALL 1984 CHEVROLET CORVETTE MODELS WITHIN THE FOLLOWING BREAKPOINTS:

PLANT FROM THROUGH

BOWLING GREEN E5100001 E5109828

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 THE 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 BULLETIN WAS NOT SHIPPED ANY INVOLVED VEHICLES.

OWNER NOTIFICATION OWNERS WILL BE NOTIFIED OF THIS CAMPAIGN ON THEIR VEHICLE BY CHEVROLET MOTOR DIVISION (SEE COPY OF OWNER LETTER INCLUDED WITH THIS BULLETIN).

#### DEALER CAMPAIGN RESPONSIBILITY

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.

WHenever a vehicle subject to this campaign is taken into your new or used vehicle inventory or it is in your dealership for service in the future, you should take the steps necessary to be sure the campaign correction has been made.

## PARTS INFORMATION

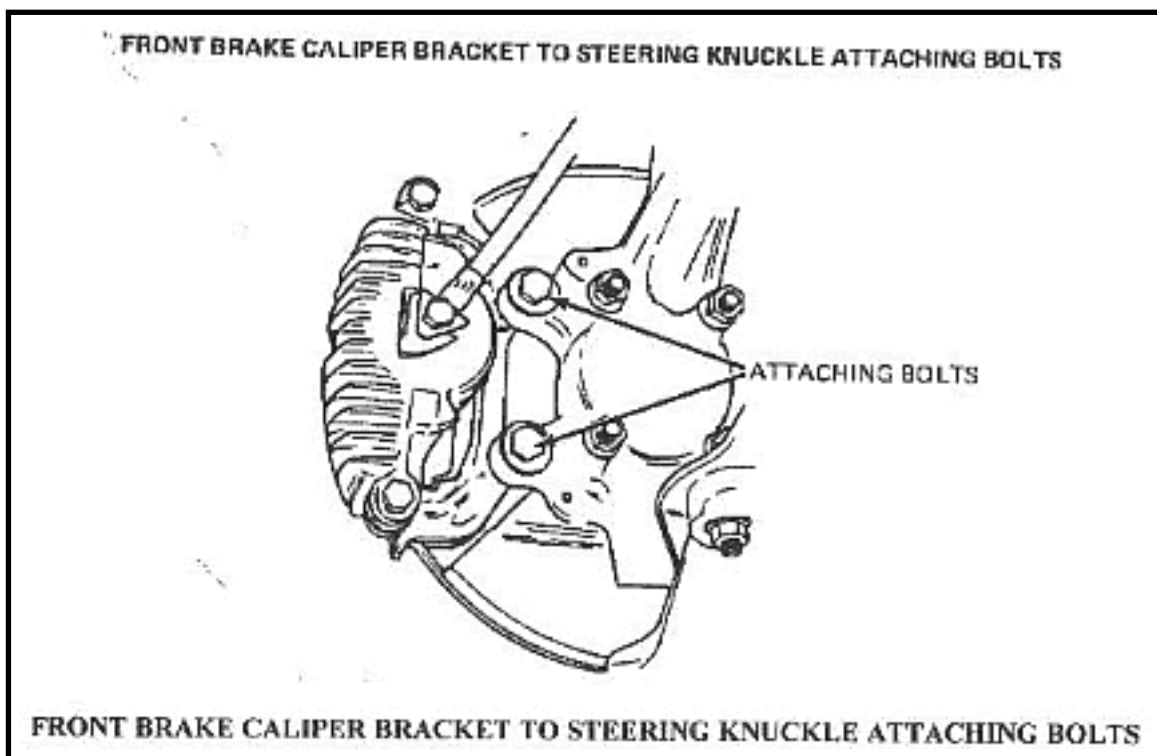
THE PARTS REQUIRED TO COMPLETE THIS CAMPAIGN WILL BE SHIPPED DIRECTLY TO THE DEALER'S SERVICE MANAGER FROM CHEVROLET CENTRAL OFFICE. PARTS QUANTITIES WILL BE DETERMINED BY THE NUMBER OF VEHICLES IDENTIFIED ON THE COMPUTER LIST FURNISHED EACH INVOLVED DEALER WITH THE CAMPAIGN BULLETIN. PARTS ARE BEING SHIPPED NO CHARGE.

### PART NUMBER QUANTITY PER VEHICLE DESCRIPTION

140799998 4 FRONT BRAKE CALIPER BRACKET TO STEERING KNUCKLE ATTACHING BOLT

NPN 1 PER DEALER CYLINDRICAL WIRE BRUSH

**IMPORTANT: THE NEW BOLT P/N 140799998 CAN BE IDENTIFIED BY THE ORANGE COLORED ADHESIVE PATCH MATERIAL ON THE BOLT THREADS.**



PARTS ARE NOT TO BE RETURNED BY THE DEALER TO WDDGM FOR CREDIT.

PARTS REMOVED FROM THE INVOLVED VEHICLES ARE TO BE RETAINED BY THE DEALER IN ACCORDANCE WITH THE CURRENT SERVICE POLICIES AND PROCEDURES MANUAL.

## SERVICE PROCEDURES

THE CAMPAIGN REPAIR CAN BE PERFORMED WITHOUT RAISING THE VEHICLE OR REMOVING THE FRONT WHEELS.

1. RAISE HOOD.
2. REMOVE THE UPPER CALIPER ATTACHING BOLT.
3. USING THE NEW 3/8 IN. CYLINDRICAL WIRE BRUSH PROVIDED, FIRST THOROUGHLY CLEAN THE BRUSH WITH 1,1,1 TRICHTHLORETHANE SOLVENT; LET DRY.
4. CLEAN THREADS IN THE UPPER CALIPER ATTACHMENT BY THREADING THE BRUSH THROUGH THE THREADS AS FAR AS POSSIBLE, THEN REMOVE BY REVERSE THREADING. THIS STEP MUST BE PERFORMED TO REMOVE RESIDUAL TEFLON NO MATTER HOW CLEAN THE THREADS APPEAR.
5. BLOW OUT THREADS WITH AIR GUN.
6. INSTALL NEW BOLT PROVIDED, P/N 140799998, AND TORQUE TO 97 N.M (70 FTL.LB.).
7. REPEAT THE PROCESS FOR THE LOWER CALIPER ATTACHING BOLT.

8. RECHECK TORQUE ON BOTH BOLTS IMMEDIATELY.

THIS PROCEDURE MUST BE ACCOMPLISHED ON BOTH RIGHT AND LEFT FRONT WHEELS.

9. ALLOW TO CURE FOR 2 HOURS BEFORE DRIVING.

10. INSTALL CAMPAIGN LABEL.

11. CLOSE HOOD.

#### CLAIM INFORMATION

SUBMIT A PRODUCT CAMPAIGN CLAIM WITH THE INFORMATION INDICATED BELOW: \* PARTS FAILED PARTS FAILURE LABOR LABOR OTHER NET COUNT PART NO. ALLOWANCE CODE OPERATION HOURS HOURS AMOUNT 4 14079998 .83 00 V1690 .3 .1

DESCRIPTION: REPLACE, FRONT BRAKE CALIPER BRACKET TO STEERING KNUCKLE ATTACHING BOLTS (4) WITH P/N 14079998 ACCORDING TO THE INSTRUCTIONS CONTAINED IN THIS BULLETIN.

\* CAMPAIGN ADMINISTRATIVE ALLOWANCE

DEALERS WILL AUTOMATICALLY RECEIVE THE CORRECT LABOR AND MATERIAL ALLOWANCE BASED ON THE LABOR OPERATION PERFORMED. THE \$.83 IDENTIFIED IN THE "PARTS ALLOWANCE COLUMN" REPRESENTS 30% OF DEALER NET WHEN PARTS ARE FURNISHED AT NO CHARGE BY CHEVROLET.

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

## CAMPAIGN IDENTIFICATION LABEL

EACH VEHICLE MODIFIED 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 FIVE DIGIT DEALER CODE OF THE DEALER PERFORMING THE CAMPAIGN SERVICE. THIS INFORMATION MAY BE INSERTED WITH A TYPEWRITER OR BALLPOINT 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.

APPLY "CAMPAIGN IDENTIFICATION LABEL" ONLY ON A CLEAN DRY SURFACE.

## ADMINISTRATIVE PROCEDURE

REFER TO THE CURRENT CHEVROLET SERVICE POLICIES AND PROCEDURES MANUAL AND CLAIMS PROCESSING MANUAL FOR CAMPAIGN HANDLING AND ADMINISTRATIVE PROCEDURES.

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.

**© Copyright General Motors Corporation. All Rights Reserved**

Online URL:

<https://www.corvetteactioncenter.com/tech/knowledgebase/article/1984-corvette-recall-front-brake-caliper-bracket-bolt-644.html>