

# 1997 Corvette: Product Campaign: PCM Calibration Reflash

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**Subject:** CAMPAIGN CALIBRATION REFLASH

**Source:** Chevrolet Campaign Bulletin

**Number:** 97040A

**Models:** 1997 Chevrolet Corvette

**NOTE: GM OF CANADA VERSION OF CAMPAIGN 97040A IS LOCATED BELOW THE U.S. VERSION**

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PRODUCT CAMPAIGNS 97040(A) APRIL, 1998

THIS BULLETIN CANCELS AND REPLACES BULLETIN 97040 ISSUED IN AUGUST, 1997. THE "SERVICE PROCEDURE" AND "CLAIM INFORMATION" SECTIONS HAVE BEEN REVISED TO REFLECT A NEW PCM REFLASHING PROCEDURE AND LABOR TIME THAT SHOULD BE USED ON ANY AFFECTED VEHICLES NOT YET REFLASHED.

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PRODUCT RECALL CAMPAIGN

PRODUCT EMISSION CAMPAIGN

**SUBJECT: 97040(A) - CALIBRATION REFLASH**

**MODELS: 1997 CHEVROLET CORVETTES**

GENERAL MOTORS HAS DECIDED TO CONDUCT A VOLUNTARY EMISSION CAMPAIGN INVOLVING ALL 1997 CHEVROLET CORVETTE MODEL VEHICLES. SOME OF THESE VEHICLES MAY EXHIBIT A CONDITION IN WHICH THE POWERTRAIN CONTROL MODULE (PCM) RESETS, CAUSING A DIAGNOSTIC TEST CODE (DTC) P1518 TO BE SET AND, IN SOME CASES, REDUCED ENGINE POWER OR AN ENGINE SHUT DOWN TO OCCUR.

TO CORRECT THIS CONDITION, DEALERS ARE TO REFLASH THE PCM CALIBRATION.

VEHICLES INVOLVED

INVOLVED ARE ALL 1997 CHEVROLET CORVETTE MODEL VEHICLES AND BUILT WITHIN THE FOLLOWING VIN BREAKPOINTS:

YEAR	DIVISION	MODEL	PLANT	CODE	FROM	THROUGH
1997	CHEVROLET	CORVETTE	BOWLING GREEN	"5"	V5100001	V5109707

INVOLVED VEHICLES HAVE BEEN IDENTIFIED BY VEHICLE IDENTIFICATION NUMBER. COMPUTER LISTINGS CONTAINING THE COMPLETE VEHICLE IDENTIFICATION NUMBER, CUSTOMER NAME AND ADDRESS DATA HAVE BEEN PREPARED, AND ARE BEING FURNISHED TO INVOLVED DEALERS WITH THE CAMPAIGN BULLETIN. THE CUSTOMER NAME AND ADDRESS DATA FURNISHED WILL ENABLE DEALERS TO FOLLOW-UP WITH CUSTOMERS INVOLVED IN THIS CAMPAIGN. ANY DEALER NOT RECEIVING A COMPUTER LISTING WITH THE CAMPAIGN BULLETIN HAS NO INVOLVED VEHICLES CURRENTLY ASSIGNED.

THESE DEALER LISTINGS MAY CONTAIN CUSTOMER 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.

#### PARTS INFORMATION

THE CALIBRATIONS LISTED ARE FLASH CALIBRATIONS AND ARE NOT AVAILABLE FROM GMSPO. THEY WILL BE AVAILABLE ON 1997 TECHLINE CD DISC 15 AND LATER.

NEW P/N	BROADCAST CODE DESCRIPTION	P/N	REPLACES OLD BROADCAST CODE
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9352021	CJFB M30 AND G90	16259831	CDBT
9352031	CJFC M30 AND GU2	16259841	CDBU
9352081	CJFK MM6	16263311	CDHB

#### CUSTOMER NOTIFICATION

CUSTOMERS WILL BE NOTIFIED OF THIS CAMPAIGN ON THEIR VEHICLES BY GENERAL MOTORS (SEE COPY OF CUSTOMER LETTER INCLUDED WITH THIS BULLETIN).

IN ORDER TO ENSURE FULL PROTECTION UNDER THE EMISSION WARRANTY, AND THE RIGHT TO PARTICIPATE IN FUTURE RECALLS, THE CUSTOMER NOTIFICATION LETTER RECOMMENDS THAT CUSTOMERS HAVE THEIR VEHICLES SERVICED AS

SOON AS POSSIBLE. IT ALSO ADVISES THAT FAILURE TO DO SO COULD LEGALLY BE DETERMINED TO BE LACK OF PROPER MAINTENANCE.

#### 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 CUSTOMERS TAKE POSSESSION OF THESE VEHICLES.

DEALERS ARE TO SERVICE ALL VEHICLES SUBJECT TO THIS CAMPAIGN AT NO CHARGE TO CUSTOMERS, REGARDLESS OF MILEAGE, AGE OF VEHICLE, OR OWNERSHIP, FROM THIS TIME FORWARD.

CUSTOMERS WHO HAVE RECENTLY PURCHASED VEHICLES SOLD FROM YOUR VEHICLE INVENTORY, AND FOR WHICH THERE IS NO CUSTOMER INFORMATION INDICATED ON THE DEALER LISTING, ARE TO BE CONTACTED BY THE DEALER. ARRANGEMENTS ARE TO BE MADE TO MAKE THE REQUIRED CORRECTION ACCORDING TO THE INSTRUCTIONS CONTAINED IN THIS BULLETIN. THIS COULD BE DONE BY MAILING TO SUCH CUSTOMERS A COPY OF THE APPROPRIATE DIVISIONAL CUSTOMER LETTER ACCOMPANYING THIS BULLETIN. CAMPAIGN FOLLOW-UP CARDS SHOULD NOT BE USED FOR THIS PURPOSE, SINCE THE CUSTOMER 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.

WHEN A CALIFORNIA EMISSIONS CAMPAIGN IS COMPLETED BY A GM DEALER, THE DEALER MUST PROVIDE THE VEHICLE OWNER A "PROOF OF CORRECTION CERTIFICATE" WHICH THE OWNER MAY NEED TO PRESENT TO THE CALIFORNIA DEPARTMENT OF MOTOR VEHICLES (DMV) WHEN RENEWING THEIR VEHICLE REGISTRATION. WITHOUT THIS CORRECTION CERTIFICATE, THE OWNER MAY BE UNABLE TO RENEW THEIR VEHICLE REGISTRATION.

ADDITIONAL CERTIFICATES CAN BE OBTAINED, AT NO CHARGE, FROM VISPAC, INCORPORATED BY CALLING 1-800-269-5100, MONDAY THROUGH FRIDAY, 8:00 A.M. TO 4:30 P.M. EASTERN STANDARD TIME. ASK FOR GM ITEM NUMBER 1825 WHEN ORDERING.

#### SERVICE PROCEDURE

1. CHECK AND RECORD ALL STORED DIAGNOSTIC TROUBLE CODES.
2. INSTALL STAR CONNECTOR CABLE #1 FROM KENT-MOORE TOOL J-42236-A (DATA BUS DIAGNOSTIC SWITCH BOX) TO THE 12 PIN SPLICE PACK/STAR CONNECTOR WITH 8, OR 9 INCOMING WIRES (SEE FIGURE 1, ITEM NUMBER 2).
3. INSTALL STAR CONNECTOR CABLE #2 FROM KENT-MOORE TOOL J-42236-A TO THE 12 PIN SPLICE PACK/STAR CONNECTOR WITH 4 INCOMING WIRES (SEE FIGURE 1, ITEM NUMBER 1).

FIGURE 1

**NOTICE: THE SPLICE PACKS ARE LOCATED TO THE LEFT OF THE BODY CONTROL MODULE (BCM). THE SPLICE PACKS/STAR CONNECTORS ARE STAND ALONE AND DO NOT PLUG INTO THE BCM. THE BCM IS LOCATED BEHIND THE PASSENGER FLOOR ACCESS PANEL. TO INSTALL KENT-MOORE TOOL J-42236-A, BOTH SPLICE PACK/STAR CONNECTOR SHORTING BARS (SEE FIGURE 2, ITEM NUMBER 1) MUST BE REMOVED FROM THE SPLICE PACK/STAR CONNECTOR. THIS IS DONE BY SQUEEZING BOTH ENDS OF THE SHORTING BAR AND PULLING IT AWAY FROM THE SPLICE PACK (SEE FIGURE 2, ITEM NUMBER 2). THE SPLICE PACKS/STAR CONNECTORS MAY HAVE TO BE REMOVED FROM THEIR MOUNTING PINS TO INSTALL KENT-MOORE TOOL J-42236-A. THE SPLICE PACKS/STAR CONNECTORS MUST BE VISUALLY CHECKED TO ASSURE THE PROPER CABLE FROM KENT-MOORE TOOL J-42236-A IS INSTALLED ON THE CORRECT SPLICE PACK/STAR CONNECTOR.**

FIGURE 2

4. CHECK THAT TOGGLE SWITCH ON KENT-MOORE TOOL J-42236-A IS IN THE STAR CONNECTOR #1 POSITION.
5. TURN THE SELECTOR BUTTON ON THE KENT-MOORE TOOL J-42236-A TO THE "B" MODE.
6. REPROGRAM THE PCM BY FOLLOWING NORMAL PCM REPROGRAMMING PROCEDURES.
7. DISCONNECT KENT-MOORE TOOL J-42236-A AND REINSTALL BOTH SHORTING BARS BACK ON TO THE SPLICE PACKS.
8. TO ASSURE THE VEHICLE IS NOT RETURNED TO THE OWNER WITH STORED TROUBLE CODES, CHECK ALL VEHICLE MODULES FOR TROUBLE CODES. REFER TO THE SERVICE MANUAL TO CORRECT TROUBLE CODES THAT MAY HAVE BEEN

RECORDED PRIOR TO REPROGRAMMING AND ARE STILL PRESENT. ANY TROUBLE CODES THAT MAY APPEAR AFTER THE REPROGRAMMING PROCEDURE MUST ALSO BE DIAGNOSED USING THE SERVICE MANUAL.

9. INSTALL THE GM CAMPAIGN IDENTIFICATION LABEL.

10. CALIFORNIA DEALERS ONLY, PROVIDE OWNER WITH A "VEHICLE EMISSION RECALL PROOF OF CORRECTION" CERTIFICATE.

#### 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 BY THE CUSTOMER FOR PERIODIC SERVICING. WHEN INSTALLING THE CAMPAIGN IDENTIFICATION LABEL, BE SURE TO PULL THE TAB TO ALLOW ADHESION OF THE CLEAR PROTECTIVE COVERING. ADDITIONAL CAMPAIGN IDENTIFICATION LABELS CAN BE OBTAINED FROM VISPAC INCORPORATED BY CALLING 1-800-269-5100 (MONDAY-FRIDAY, 8:00 A.M. TO 4:30 P.M. EST). ASK FOR ITEM NUMBER S-1015 WHEN ORDERING.

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

#### CLAIM INFORMATION

SUBMIT A PRODUCT CAMPAIGN CLAIM WITH THE INFORMATION INDICATED BELOW:

REPAIR PERFORMED	PART COUNT	FAILED PART NO.	PARTS ALLOW	CC-FC	LABOR OP *	LABOR HOURS	NET ITEM
REPROGRAM ENGINE	CALIBRATION	**	**	MA-96	V0062	0.7	

\* FOR CAMPAIGN ADMINISTRATIVE ALLOWANCE, ADD 0.1 HOURS TO THE "LABOR HOURS".

\*\* REFER TO THE PARTS INFORMATION SECTION FOR CORRECT REFLASH CALIBRATIONS.

REFER TO THE GENERAL MOTORS CORPORATION CLAIMS PROCESSING MANUAL FOR DETAILS ON PRODUCT CAMPAIGN CLAIM SUBMISSION.

FIGURES: 2

GM BULLETINS ARE INTENDED FOR USE BY PROFESSIONAL TECHNICIANS, NOT A "DO-IT-YOURSELF". THEY ARE WRITTEN TO INFORM THESE 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 TOOLS, EQUIPMENT, 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 YOUR DEALER/RETAILER FOR INFORMATION ON WHETHER YOUR VEHICLE MAY BENEFIT FROM THE INFORMATION.

WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION

CENTRAL OFFICE CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION

30007 VAN DYKE AVENUE, WARREN, MICHIGAN 48090-9065

97040

(SAMPLE OF NOTIFICATION USED)

AUGUST, 1997

DEAR CHEVROLET CORVETTE CUSTOMER:

THIS NOTICE IS SENT TO INFORM YOU THAT GENERAL MOTORS IS CONDUCTING A VOLUNTARY EMISSION RECALL CAMPAIGN THAT INCLUDES YOUR VEHICLE.

REASON FOR THIS RECALL: GENERAL MOTORS HAS DECIDED THAT SOME 1997 CHEVROLET CORVETTE MODEL VEHICLES MAY EXHIBIT A CONDITION IN WHICH THE POWERTRAIN CONTROL MODULE (PCM) RESETS, CAUSING A DIAGNOSTIC TEST CODE (DTC) P1518 TO BE SET AND, IN SOME CASES, REDUCED ENGINE

POWER OR AN ENGINE SHUT DOWN TO OCCUR.

WHAT WILL BE DONE: TO PREVENT THE POSSIBILITY OF THIS CONDITION OCCURRING, YOUR DEALER WILL REFLASH (REPROGRAM) THE PCM CALIBRATION IN YOUR VEHICLE. THIS SERVICE WILL BE PERFORMED FOR YOU AT NO CHARGE.

CONTACTING YOUR DEALER: PLEASE CONTACT YOUR DEALER AS SOON AS POSSIBLE TO ARRANGE A SERVICE DATE. INSTRUCTIONS FOR MAKING THIS CORRECTION HAVE BEEN SENT TO YOUR DEALER. PLEASE ASK YOUR DEALER IF YOU WISH TO KNOW HOW MUCH TIME WILL BE NEEDED TO SCHEDULE, PROCESS AND REPAIR YOUR VEHICLE.

SHOULD YOUR DEALER BE UNABLE TO SCHEDULE A SERVICE DATE WITHIN A REASONABLE TIME, YOU SHOULD CONTACT THE APPROPRIATE CHEVROLET CUSTOMER ASSISTANCE CENTER AT THE LISTED NUMBER BELOW: CUSTOMER ASSISTANCE CENTER TELEPHONE NUMBER DEAF, HEARING IMPAIRED OR SPEECH IMPAIRED \*

1-800-222-1020 1-800-833-2438

\* UTILIZES TELECOMMUNICATION DEVICES FOR THE DEAF/TEXT TELEPHONES (TDD/TTY)

CUSTOMER REPLY CARD: THE ENCLOSED CUSTOMER 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 NO LONGER OWN THIS VEHICLE, PLEASE LET US KNOW BY COMPLETING THE POSTAGE PAID REPLY CARD AND RETURNING IT TO US.

EMISSION LAW INFORMATION: IN ORDER TO ENSURE YOUR FULL PROTECTION UNDER THE EMISSION WARRANTY MADE APPLICABLE TO YOUR VEHICLE BY STATE OR FEDERAL LAW, AND YOUR RIGHT TO PARTICIPATE IN FUTURE RECALLS, IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE SERVICED AS SOON AS POSSIBLE. FAILURE TO DO SO COULD LEGALLY BE DETERMINED TO BE LACK OF PROPER MAINTENANCE OF YOUR VEHICLE. ALSO, YOUR VEHICLE MAY FAIL A STATE OR LOCAL EMISSION INSPECTION IF THIS RECALL IS NOT ACCOMPLISHED.

IMPORTANT MESSAGE FOR CALIFORNIA RESIDENTS

THE CALIFORNIA AIR RESOURCES BOARD (CARB) REQUIRES VEHICLE EMISSION RECALL CAMPAIGNS BE COMPLETED PRIOR TO CALIFORNIA REGISTRATION

RENEWAL. UNCORRECTED EMISSION RECALL CAMPAIGNS WILL RESULT IN THE INABILITY TO RENEW YOUR CALIFORNIA VEHICLE REGISTRATION.

AT THE TIME OF EMISSION CAMPAIGN COMPLETION, YOUR CALIFORNIA DEALER WILL ISSUE A "PROOF OF CORRECTION CERTIFICATE". KEEP THIS CERTIFICATE AND, IF REQUIRED, PRESENT IT TO THE DEPARTMENT OF MOTOR VEHICLES WHEN RENEWING YOUR CALIFORNIA REGISTRATION AS PROOF OF CAMPAIGN COMPLETION.

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

ENCLOSURE

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\*\*\*\* GM OF CANADA VERSION \*\*\*\*  
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PRODUCT CAMPAIGNS 97040(A) APRIL 1998

PRODUCT RECALL CAMPAIGN

PRODUCT EMISSION CAMPAIGN

**SUBJECT: CAMPAIGN 97040(A) CALIBRATION REFLASH**

**MODELS: 1997 CHEVROLET CORVETTES**

THIS BULLETIN CANCELS AND REPLACES BULLETIN 97040 ISSUED IN AUGUST, 1997. THE "SERVICE PROCEDURE" AND "CLAIM INFORMATION" SECTIONS HAVE BEEN REVISED TO REFLECT A NEW PCM REFLASHING PROCEDURE AND LABOUR TIME THAT SHOULD BE USED ON ANY AFFECTED VEHICLES NOT YET REFLASHED.

DEFECT INVOLVED



GENERAL MOTORS OF CANADA LIMITED HAS DECIDED TO CONDUCT A VOLUNTARY EMISSION CAMPAIGN INVOLVING ALL 1997 CHEVROLET CORVETTE MODEL VEHICLES. SOME OF THESE VEHICLES MAY EXHIBIT A CONDITION IN WHICH THE POWERTRAIN CONTROL MODULE (PCM) RESETS, CAUSING A DIAGNOSTIC TEST CODE (DTC) P1518 TO BE SET AND, IN SOME CASES, REDUCED ENGINE POWER OR AN ENGINE SHUT DOWN TO OCCUR.

TO CORRECT THIS CONDITION, DEALERS ARE TO REFLASH THE PCM CALIBRATION.

#### VEHICLES INVOLVED

INVOLVED ARE ALL 1997 CHEVROLET CORVETTE MODEL VEHICLES BUILT WITHIN THE FOLLOWING VIN BREAKPOINTS:

YEAR DIVISION MODEL PLANT PLANT CODE FROM THROUGH

1997 CHEVROLET CORVETTE BOWLING GREEN "5" V5100001 V5109707

**NOTE: PLEASE CHECK DCS SCREEN 445 OR YOUR V.I.N. LISTING BEFORE PERFORMING CAMPAIGN TO ENSURE THAT THE VEHICLE IS AFFECTED. ONLY AFFECTED VIN'S WILL BE PAID.**

INVOLVED VEHICLES HAVE BEEN IDENTIFIED BY VEHICLE IDENTIFICATION NUMBER. COMPUTER LISTINGS CONTAINING THE COMPLETE VEHICLE IDENTIFICATION NUMBER, CUSTOMER NAME AND ADDRESS DATA HAVE BEEN PREPARED, AND ARE BEING FURNISHED TO INVOLVED DEALERS WITH THE CAMPAIGN BULLETIN. THE CUSTOMER NAME AND ADDRESS DATA FURNISHED WILL ENABLE DEALERS TO FOLLOW-UP WITH CUSTOMERS INVOLVED IN THIS CAMPAIGN. ANY DEALER NOT RECEIVING A COMPUTER LISTING WITH THE CAMPAIGN BULLETIN HAS NO INVOLVED VEHICLES CURRENTLY ASSIGNED.

#### PARTS INFORMATION

THE CALIBRATIONS LISTED ARE FLASH CALIBRATIONS AND ARE NOT AVAILABLE FROM GMSPO. THEY WILL BE AVAILABLE ON 1997 TECHLINE CD DISC 15 AND LATER.

NEW CALIBRATION NUMBER NEW BROADCAST CODE

REPLACES OLD

NEW P/N	BROADCAST CODE DESCRIPTION	BROADCAST P/N CODE
9352051	CJFF M30 AND GU2 AND K29 (CANADA)	16259861 CDBX
9352071	CJFJ MM6 AND K29 -VD1 (CANADA)	16263301 CDHA
9352101	CJFM M30 AND G90 AND K29 -VD1 (CANADA)	16263331 CDHD
9352021	CJFB M30 AND G90 -K29/NM8/VD1/VE1(U.S.)	16259831 CDBT
9352031	CJFC M30 AND GU2 -K29 (U.S.)	16259841 CDBU
9352081	CJFK MM6 -K29/VD1 (U.S.)	16263311 CDHB
9352011	CJFA M30 AND G90 AND VE1 (JAPAN)	16259821 CDBS
9352041	CJFD M30 AND G90 AND VD1 (EUROPE)	16259851 CDBW
9352091	CJFL MM6 AND VD1 (EUROPE)	16263321 CDHC
9352061	CJFH M30 AND G90 AND NM8 -VD1 (LEADED EXPORT)	16259871 CDBY

## CUSTOMER NOTIFICATION

ALL CUSTOMERS OF RECORD AT THE TIME OF CAMPAIGN RELEASE ARE SHOWN ON THE ATTACHED COMPUTER LISTING AND HAVE BEEN NOTIFIED BY FIRST CLASS MAIL FROM GENERAL MOTORS (SEE COPY OF CUSTOMER LETTER INCLUDED WITH THIS BULLETIN). THE LISTINGS PROVIDED ARE FOR CAMPAIGN ACTIVITY ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.

## DEALER CAMPAIGN RESPONSIBILITY

ALL UNSOLD NEW VEHICLES IN DEALER'S POSSESSION AND SUBJECT TO THIS CAMPAIGN MUST BE HELD AND INSPECTED/REPAIRED PER THE SERVICE PROCEDURE OF THIS CAMPAIGN BULLETIN BEFORE CUSTOMERS TAKE POSSESSION OF THESE VEHICLES.

DEALERS ARE TO SERVICE ALL VEHICLES SUBJECT TO THIS CAMPAIGN AT NO CHARGE TO CUSTOMERS, REGARDLESS OF MILEAGE, AGE OF VEHICLE, OR OWNERSHIP, FROM THIS TIME FORWARD.

CUSTOMERS WHO HAVE RECENTLY PURCHASED VEHICLES SOLD FROM YOUR VEHICLE INVENTORY, AND FOR WHICH THERE IS NO CUSTOMER INFORMATION INDICATED ON THE DEALER LISTING, ARE TO BE CONTACTED BY THE DEALER. ARRANGEMENTS ARE TO BE MADE TO MAKE THE REQUIRED CORRECTION ACCORDING TO THE INSTRUCTIONS CONTAINED IN THIS BULLETIN. THIS COULD BE DONE BY MAILING TO SUCH CUSTOMERS A COPY OF THE APPROPRIATE CUSTOMER LETTER ACCOMPANYING THIS BULLETIN.

IN SUMMARY, WHENEVER A VEHICLE SUBJECT TO THIS CAMPAIGN ENTERS YOUR VEHICLE INVENTORY, OR IS IN YOUR DEALERSHIP FOR SERVICE IN THE FUTURE, YOU MUST TAKE THE STEPS NECESSARY TO BE SURE THE CAMPAIGN CORRECTION HAS BEEN MADE BEFORE SELLING OR RELEASING THE VEHICLE.

## SERVICE PROCEDURE

1. CHECK AND RECORD ALL STORED DIAGNOSTIC TROUBLE CODES.
2. INSTALL STAR CONNECTOR CABLE #1 FROM KENT-MOORE TOOL J-42236-A (DATA BUS DIAGNOSTIC SWITCH BOX) TO THE 12 PIN SPLICE PACK/STAR CONNECTOR WITH 8, OR 9 INCOMING WIRES (SEE FIGURE 1, ITEM NUMBER 2).
3. INSTALL STAR CONNECTOR CABLE #2 FROM KENT-MOORE TOOL J-42236-A TO THE 12 PIN SPLICE PACK/STAR CONNECTOR WITH 4 INCOMING WIRES.

**NOTICE: THE SPLICE PACKS ARE LOCATED TO THE LEFT OF THE BODY CONTROL MODULE (BCM). THE SPLICE PACKS/STAR CONNECTORS ARE STAND ALONE AND DO NOT PLUG INTO THE BCM. THE BCM IS LOCATED BEHIND THE PASSENGER FLOOR ACCESS PANEL. TO INSTALL KENT-MOORE TOOL J-42236-A, BOTH SPLICE PACK/STAR CONNECTOR SHORTING BARS (SEE FIGURE 2, ITEM NUMBER 1) MUST BE REMOVED FROM THE SPLICE PACK/STAR CONNECTOR. THIS IS DONE BY SQUEEZING BOTH ENDS OF THE SHORTING BAR AND PULLING IT AWAY FROM THE SPLICE PACK (SEE FIGURE 2, ITEM NUMBER 2). THE SPLICE PACKS/STAR CONNECTORS MAY HAVE TO BE REMOVED FROM THEIR MOUNTING PINS TO INSTALL KENT-MOORE TOOL J-42236-A. THE SPLICE PACKS/STAR CONNECTORS MUST BE VISUALLY CHECKED TO ASSURE THE PROPER CABLE FROM KENT-MOORE TOOL J-42236-A IS INSTALLED ON THE CORRECT SPLICE PACK/STAR CONNECTOR.**

4. CHECK THAT TOGGLE SWITCH ON KENT-MOORE TOOL J-42236-A IS IN THE STAR CONNECTOR #1 POSITION.
5. TURN THE SELECTOR BUTTON ON THE KENT-MOORE TOOL J-42236-A TO THE "B" MODE.
6. REPROGRAM THE PCM BY FOLLOWING NORMAL PCM REPROGRAMMING PROCEDURES.
7. DISCONNECT KENT-MOORE TOOL J-42236-A AND REINSTALL BOTH SHORTING BARS BACK ON TO THE SPLICE PACKS.
8. TO ASSURE THE VEHICLE IS NOT RETURNED TO THE OWNER WITH STORED TROUBLE CODES, CHECK ALL VEHICLE MODULES FOR TROUBLE CODES. REFER TO THE SERVICE MANUAL TO CORRECT TROUBLE CODES THAT MAY HAVE BEEN RECORDED PRIOR TO REPROGRAMMING AND ARE STILL PRESENT. ANY TROUBLE CODES THAT MAY APPEAR AFTER THE REPROGRAMMING PROCEDURE MUST ALSO BE DIAGNOSED USING THE SERVICE MANUAL.

## 9. 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.

### INSERT CAMPAIGN NUMBER

### INSERT DEALER CODE

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 BY THE CUSTOMER FOR PERIODIC SERVICING. ADDITIONAL CAMPAIGN IDENTIFICATION LABELS CAN BE OBTAINED FROM DGN BY CALLING 1-800-668-5539 (MONDAY-FRIDAY, 8:00 A.M. TO 5:00 P.M. EST). ASK FOR ITEM NUMBER GMP 91 WHEN ORDERING.

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

### CLAIM INFORMATION

SUBMIT A PRODUCT CAMPAIGN CLAIM WITH THE INFORMATION INDICATED BELOW:

REPAIR PERFORMED	PART	FAILED	PARTS	LABOR	LABOR	NET	
REPROGRAM ENGINE	COUNT	PART NO.	ALLOW	CC-FC	OP *	HOURS	ITEM
	CALIBRATION	**	**	MA-96	V0062	0.7	

\* FOR CAMPAIGN ADMINISTRATIVE ALLOWANCE, ADD 0.1 HOURS TO THE "LABOUR HOURS".

\*\* REFER TO THE PARTS INFORMATION SECTION FOR CORRECT REFLASH CALIBRATIONS.

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

GM BULLETINS ARE INTENDED FOR USE BY PROFESSIONAL TECHNICIANS, NOT A "DO-IT-YOURSELFER". THEY ARE WRITTEN TO INFORM THESE 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 TOOLS, EQUIPMENT, 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 YOUR DEALER/RETAILER FOR INFORMATION ON WHETHER YOUR VEHICLE MAY BENEFIT FROM THE INFORMATION.

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