



PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

Under the National Traffic and Motor Vehicle Safety Act of 1966, as amended, if there has been a recall campaign, dealers must assure that all new vehicles and new items of replacement equipment are free of safety defects and comply with all applicable Federal Motor Vehicle Safety Standards at the time of delivery to the consumer. This means that dealers may not deliver new motor vehicles or new items of replacement equipment to consumers unless the safety defect or noncompliance has been remedied before delivery.

SUBJECT

Recall Campaign 04V-409: Increased Engine Speed with Slight Clutch Pedal Pressure

MODEL

E53 X5 with the 3.0 liter engine and manual transmission produced from 8/25/2003 through April 15, 2004.

SITUATION

While driving in any gear, an increase of engine rpm and road speed may be noted if slight pressure is applied to the clutch pedal and the accelerator pedal is kept in a constant position. Easing off the accelerator pedal, or completely depressing the clutch pedal, alleviates this condition.

The cause is an incorrect data record in the DME. The correction is to reprogram the DME with DIS CD 38.0 or higher.

To minimize customer inconvenience, you may pick-up (and deliver after repair) the affected vehicle from the customer's home or provide appropriate alternative transportation.

Customers will be impressed when you return their vehicles cleaned inside and out and with a full tank of gas. Reimbursement information for vehicle fueling and valet costs can be found in the Warranty portion of this bulletin.

AFFECTED VEHICLES

This Recall Campaign involves E53 X5 vehicles, with the 3.0 liter M54 engine and manual transmission, which were produced from 8/25/2003 through 4/15/2004.

In order to determine if a specific vehicle is affected by this Recall Campaign, it will be necessary to utilize the "Service Menu" of the DCS (Dealer Communication System). Based on the response of the system, either proceed with the corrective action or take no further action.

The Chassis Number Ranges listed below are **only** for informational purposes and are not to be considered as the only deciding factor.

Model	Chassis Number Range
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X5 3.0i LB09013 – LB09324

X5 3.0i LH81321 – LH81390

PROCEDURE

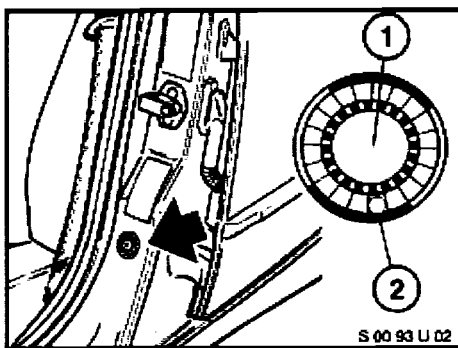
To reprogram DME control module:

1. Connect vehicle to the BMW approved battery charger.
2. Connect DISplus/GT1 loaded with CD38.0 or higher.
3. Select: BMW Coding/Programming.
4. Select: 5 Programming, then right arrow.
5. Select: 3 DME Programming, then right arrow.
6. Display appears First determine and then program basic control unit, then right arrow.
7. Select: 1 Determine basic control unit, then right arrow. **Automatic determination** is going to be performed.
8. DME, is the faulty control unit still installed in the car? Select YES.
9. Start automatic determination? Select YES.
10. Display appears: Compare chassis number displayed with number in the car. Chassis number Do numbers correspond? Select YES.
11. Part number basic control unit/..... are displayed, then scroll down.
12. Display appears: Followed part numbers (basic control unit) can likewise be used. A new program version is also programmed for these part numbers. Duration depends on control unit between 4 – 16 minutes, then scroll down.
13. At this point, vehicle data is stored in the tester for the automatic identification. **Disregard** the screen prompt which refers to obtaining and installing a new basic control unit. Scroll to the left.
14. Select: 2 Exchange control unit, then right arrow.
15. Select: 2 Program basic control module, then right arrow.
16. Follow instruction: Chassis number, enter the last 7 characters of VIN. Is the number correct? Select YES.
17. **Disregard** the next instruction: Install new basic control module, just go forward by pressing right arrow.
18. Display will appear: There is new program version and new data version for this control unit. Depending on the control unit, programming may last between 4-16 minutes. First programming

and then data are programmed. After programming, with diagnosis program, the fault memories have to be cleared. EWS alignment is automatically carried-out with reprogramming. The adaptation values must be cleared after programming, then right arrow. The next screen displays: The control module can be programmed X times, then right arrow

19. Follow the command: Please enter reading mileage.....Entry correct?. Select: YES
20. Start automatic programming? Select: YES
21. When programming starts, the following message is displayed: Program programming active. Voltage terminal 30.....
22. After programming part is finished, the following message is displayed: Data programming active. Voltage terminal 30.....
23. After successful programming, message is displayed: Programming terminated.
24. Next, follow screen instructions for EWS alignment, clearing of adaptation values, and for printing new DME label.

LABEL INSTRUCTIONS



This Recall Campaign has been assigned code number **421**. After the vehicle has been checked, and corrected if necessary, obtain a label (SD 92-267) and:

- a. emboss your BMW dealer warranty number in the middle of the label (1);
- b. punch out code number **421** printed on the label and,
- c. affix the label to the **B** pillar as shown.

If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

WARRANTY INFORMATION

Reimbursement for this Recall Campaign will be via Campaign Entry.

Defect Code	00 12 91 01 00
Work Package #1:	Program DME. Before customer delivery
Labor Operation:	00 55 604
Labor Allowance:	4 FRUs
Work Package #2:	Program DME. Vehicle in customer hands
Labor Operation:	00 55 092

Labor Allowance: 5 FRUs

RE-FUELING COST

BMW of North America, LLC, will provide reimbursement to have the gas tank topped off once as required, for each vehicle affected by this Service Action. Attach the appropriate receipt to the work order.

Defect Code 85 99 00 66 NA Refuel X5 3.0 with manual transmission affected by reprogramming DME Recall

Sublet: Actual cost to top off the fuel tank

Sublet code: 4

VALET COST

BMW of North America, LLC, will provide reimbursement for vehicle valet services (pick up & delivery) for each vehicle affected by this Service Action. Attach the appropriate receipt to the work order.

Defect Code 99 99 77 77 NA Valet Service for X5 3.0 with manual transmission affected by reprogramming DME Recall

Sublet: \$25.00

Sublet code: 4

RENTAL VEHICLES

Retailers participating in the Retailer Administered Customer Assistance Program and the BMW Service Loaner Car Program may self-authorize claims for reimbursement of rental costs from independent rental agencies in certain situations. For more details refer to SI B01 07 03.

ATTACHMENTS

view PDF attachment [B120604Letter](#).

view PDF attachment [B120604Q&A](#).

view PDF attachment [B120604Tread](#).

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September xx, 2004

Recall Campaign No. 04V-409, Throttle Valve Control

Dear BMW SAV Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

BMW AG has decided that a defect which relates to motor vehicle safety exists in certain 2004 BMW X5 3.0i Manual Transmission Sports Activity Vehicles (SAV). Our records indicate that you are the owner of a potentially affected vehicle.

DESCRIPTION OF DEFECT

The defect involves the digital engine management control unit. On affected vehicles, if the vehicle is in first gear, and moving slowly, with the accelerator pedal held in a constant position of low engine speed (approximately 1,500 – 2,000 rpm), with the clutch pedal held in a partially depressed position (approximately 1 - 2 inches), engine speed may increase.

If all of these factors occur simultaneously, the vehicle may begin to accelerate.

You may continue to drive your vehicle, however, do not leave this problem unattended. If you ignore the following precautions, then depending upon traffic and road conditions, and the drivers reactions, a crash could occur.

PRECAUTIONS

- 1. CONTACT YOUR AUTHORIZED BMW SAV CENTER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE.**
- 2. Do not “ride the clutch”. When shifting gears, always fully depress your clutch pedal. In other words, do not depress the clutch pedal only 1 – 2 inches.**
- 3. If you experience this problem while driving, you can also remove your foot from the accelerator pedal, as well as, depress the brake pedal, in order to counteract any undesired acceleration.**
- 4. If you are uncomfortable with driving your vehicle, you should pull over carefully to a safe location and away from traffic. Do not continue to drive your vehicle. Please contact BMW Roadside Assistance immediately at 1-800-332-4269 to have the vehicle brought to the nearest Authorized BMW SAV Center.**
- 5. BMW recommends that you always wear your safety belt and that all passengers are properly seated and restrained at all times.**
- 6. If you are not the only driver of this vehicle, please advise all other drivers of this important information.**

DESCRIPTION OF REPAIR

The repair will consist of reprogramming the vehicle's digital engine management control unit.

This repair will require approximately one hour and will be performed *free of charge* by your Authorized BMW SAV center. Additional time may be required depending on the BMW SAV center's scheduling and processing.

OTHER INFORMATION

If you are no longer the owner of this vehicle, we would appreciate you furnishing us with the name and address of the new owner using the enclosed postage-paid card.

If you are a lessor of this vehicle, Federal Regulations require you to forward this notice to your lessee.

If you have already had this repair performed at your own expense, please see the attachment regarding possible eligibility for reimbursement.

Should you have any questions about this campaign, please contact your Authorized BMW SAV Center.

We appreciate your confidence in our product and wish to do everything we can to retain your confidence. Should you need additional assistance, you may contact BMW Customer Relations and Services at 1-800-831-1117.

If the BMW SAV Center is unable to remedy the defect without charge or within a reasonable period of time, you may notify the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street S.W., Washington, DC 20590, or call the toll-free Auto Safety Hotline at 1-888-327-4236.

BMW OF NORTH AMERICA, LLC

TREAD ACT CUSTOMER REIMBURSEMENT PLAN
(BMW of North America, LLC)

If you have paid for the repair described in the attached letter, and you would like to be considered for reimbursement, please contact your authorized BMW SAV center. Expenses from repair facilities outside of the BMW SAV center network will be considered. However, the procedure must meet BMW standards and use BMW Genuine Parts.

Your authorized BMW SAV center will request a copy of your owner notification letter, as well as, a copy of your previously paid invoice, and then inspect the vehicle (if it is still in your possession) prior to submitting a claim on your behalf to BMW of North America, LLC for reimbursement.

Please note the following:

- Only a repair that is the subject of this safety recall is reimbursable. Consequential expenses such as towing, rental, accommodations, damage repairs, etc will not be reimbursed.
- When BMW Genuine Parts are used, the Manufacturers Suggested Retail Price (MSRP) will be considered as the guideline for reasonable charges.
- Expenses for repairs performed more than 10 days after the date of the last owner notification letter sent by BMW are not eligible for reimbursement.
- Taxes and hazardous waste disposal, where previously paid, are eligible for reimbursement.
- BMW will not reimburse for prior repairs that did not utilize BMW Genuine Parts.

We anticipate that your authorized BMW SAV center will be able to answer any questions that you may have regarding your qualifications for reimbursement of a previous repair. If you qualify for such a reimbursement, they will also be able to advise you of the manner in which you could receive reimbursement.

We recommend that your authorized BMW SAV center be your primary contact on this issue. However, our Customer Relations Department may be contacted at 1-800-831-1117 for any special assistance you may require.

Alternatively, you may submit your request for reimbursement to the following address:

Customer Relations Department
BMW of North America, LLC
P.O. Box 1227
Westwood, NJ 07675-1227