



August 14, 1997

Ref.: 97Vccc01.doc

Mr. Kenneth N. Weinstein
Associate Administrator for Safety Assurance
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
U.S. Department of Transportation
400 7th Street, S.W.
Washington, D.C. 20590

97V-131 (01)

**RE: Recall Campaign -- Cruise Control and Throttle Cables
1992-97 BMW 3-Carline, 1989-95 BMW 5-Carline,
1993-97 BMW 740i, 740iL, 1994-97 BMW 840Ci**

Dear Mr. Weinstein:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act of 1966 and 49 CFR Part 573.

Pursuant to Section 573.5 (c) of the above, we submit the following information:

1. **Manufacturer: Bayerische Motoren Werke AG (BMW AG)**

Designated Agent: BMW of North America, Inc.
Woodcliff Lake, New Jersey 07675

2. **Make: BMW**

<u>Model Year/Model</u>	<u>Inclusive dates of manufacture</u>
1992-97 318i, 318iS	07/92 to 07/97
1994-97 318iC	02/94 to 07/97
1995-97 318ti	12/94 to 07/97
1992-95 325i, 325iS	01/91 to 10/95
1994-96 325iC	09/93 to 10/95
1995-97 M3	03/94 to 07/97
1996-97 Z3	07/95 to 07/97
1989-95 525i	04/88 to 12/95

Address
BMW Plaza
Montvale, New Jersey 07645-1666

Telephone
(201) 573-2000

Fax
201-950-5401

1992-95 525iT	09/91 to 12/95
1994-95 530i, 530iT, 540i	09/93 to 12/95
1993-97 740i, 740iL	06/92 to 07/97
1994-97 840Ci	09/93 to 12/96

3. The number of vehicles potentially containing the defect is approximately 410,000.
4. The percentage of vehicles estimated to actually contain the defect is less than 1%.
5. The potential defect involves the cruise control and throttle cables of the subject vehicles. Both Bowden cables are attached to the same throttle valve actuating lever at the throttle housing. See attached drawing. It is possible that the plastic bushing on either cable, at the adjusting screw near the throttle housing, could break due to environmental influences coupled with vibration. If this were to occur, the metal outer tube of the cable assembly could become moveable in the bushing.

While it is extremely unlikely that the outer tube of the throttle cable, due to spring forces in that system, could be dislodged from the bushing during operation of the throttle linkage, it is possible that the outer tube of the cruise control cable could do so.

In this case, during application of the throttle pedal without cruise control being engaged, the throttle cable would be under tension while the cruise control would be slack and could dislodge from the bushing. During subsequent release of the pedal, with simultaneous tensioning of the cruise control cable, the outer tube could catch on the edge of the broken bushing, rather than reentering the bushing. This would cause the throttle valve to remain partially open. If this were to occur, a higher-than-normal idle speed would be present in the transmission's Neutral position and the vehicle might not decelerate as expected when the throttle pedal is released.

The name, address and telephone number of the cable suppliers are as follows:

ACCO-Platen GmbH
 Fuerfurter Strasse 105
 D-65606 Villmar
 Germany
 Tel: 49 06474-9180

VOFA-Werk GmbH & Co. KG
 Schiessstrasse 30
 D-40549 Duesseldorf
 Germany
 Tel: 49 0211-59720

6. In January 1997, BMW was contacted by Transport Canada regarding a customer complaint of high idle speed on a potentially affected vehicle. BMW subsequently analyzed warranty data, field reports, etc., and conducted testing to evaluate the potential cause and effect of this problem and consequently made the determination to conduct a safety-related recall campaign on the potentially affected vehicles.

BMW has received no reports, nor is BMW otherwise aware of any accidents or injuries resulting from this potential defect.

7. Not applicable
8. BMW will conduct a recall campaign to remedy the defect in the affected vehicles. The remedy will consist of installing a spring steel clip on the outer tube of each cable in the area of the adjusting screw and plastic bushing. The clip will prevent the outer tube from dislodging from the bushing. The clips were implemented in production beginning in early August 1997.

BMW expects to begin and complete the sending of notifications to owners by the end of October 1997.

9. A draft copy of the owner notification letter is attached. The Service Information Bulletin will be prepared and submitted when available.

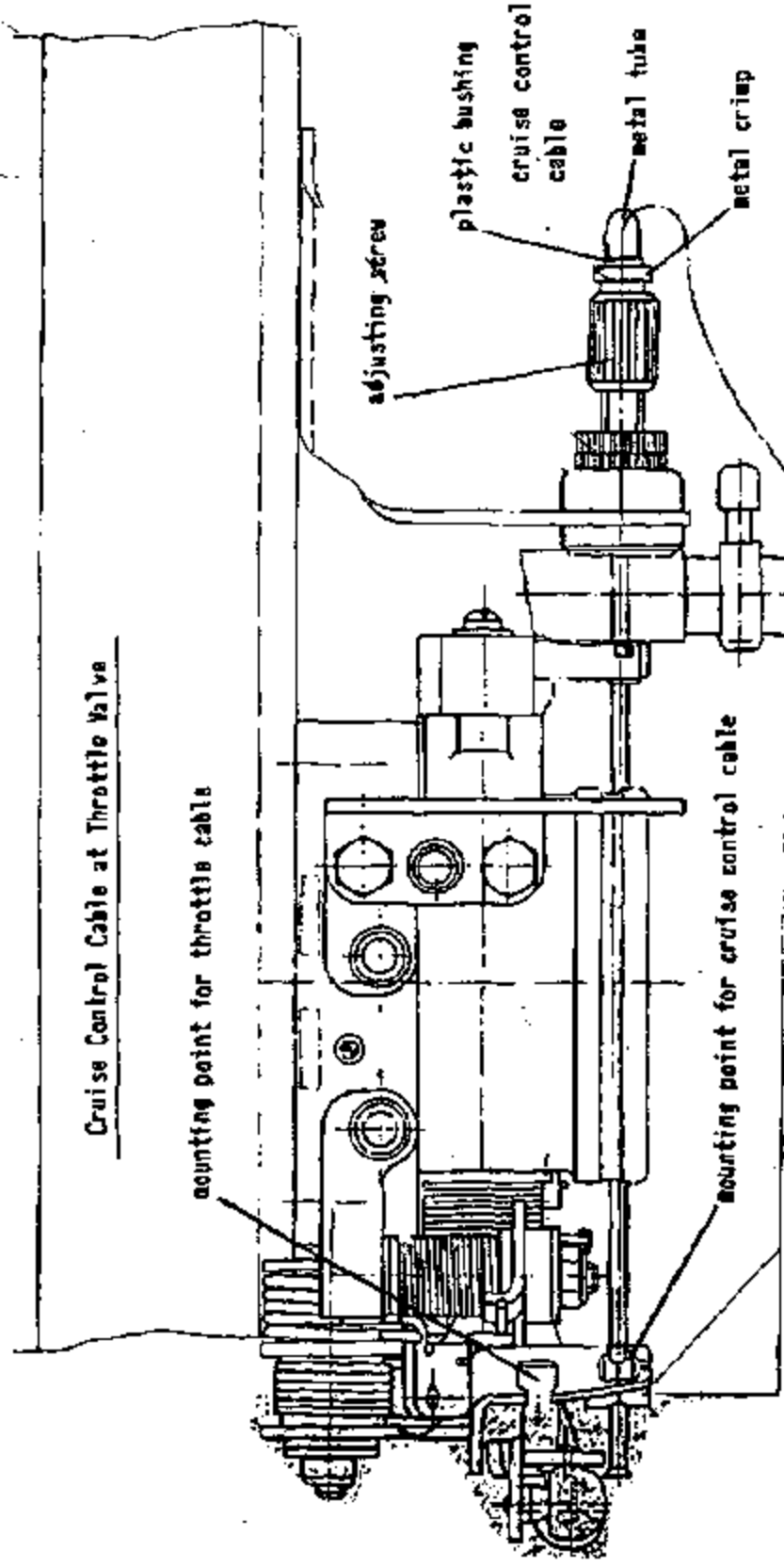
Sincerely,



KH
Karl-Heinz Ziwick
General Manager
Environmental Engineering

Attachments

KHZ:ws



Cruise Control Cable at Throttle Valve

October 1997

DRAFT**Recall Campaign No. 97V-XXX, Cruise Control and Throttle Cables**

Dear BMW Owner:

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

BMW AG has determined that a defect which relates to motor vehicle safety exists in certain 1992-97 BMW 3-carline, 1989-95 5-carline, 1993-97 740i, 740iL and 1994-97 840Ci passenger cars. Our records indicate that you are the owner of a potentially affected vehicle.

DESCRIPTION OF DEFECT

The potential defect involves the cruise control and throttle cables of your car. It is possible that a plastic bushing on either cable, at the adjusting screw near the throttle housing, could break due to environmental influences coupled with vibration. If this were to occur, the metal outer tube of the cable assembly could become moveable in the bushing.

While it is extremely unlikely that the outer tube of the throttle cable, due to spring forces in that system, could be dislodged from the bushing during operation of the throttle linkage, it is possible that the outer tube of the cruise control cable could do so.

In this case, during application of the throttle pedal without cruise control being engaged, the outer tube could catch on the edge of the broken bushing. This would cause the throttle valve to remain partially open. If this were to occur, a higher-than-normal idle speed would be present in the transmission's Neutral position and the car might not decelerate as expected when you release the gas pedal.

DESCRIPTION OF REPAIR

The repair will consist of installing a spring steel clip on the outer tube of each cable in the area of the adjusting screw and plastic bushing. The clip will prevent the outer tube from dislodging from the bushing.

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

PRECAUTIONS

1. **CONTACT YOUR AUTHORIZED BMW RETAILER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE.**
2. Before the repair is performed, if this problem occurs, you will notice a higher-than-normal idle speed in Neutral and engine braking may not provide the usual deceleration rate when you release the gas pedal.

In this case, near-normal deceleration can be achieved by depressing the brake pedal with greater-than-usual force. You may also shift into Neutral and brake to slow the car. No harm will be done to the engine, although engine speed will increase.

Do not shut off the engine while the car is moving because power-assisted steering and braking will be lost and headlamps will switch off. Your car should be driven to a safe location where the engine can be switched off. Make arrangements for pickup and repair as soon as possible.

3. If these precautions are ignored, a crash could occur, depending on environmental and traffic conditions and also on the driver's reaction.
4. If you are not the sole driver of your car, please advise all other drivers of these necessary precautions.

OTHER INFORMATION

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

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

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

If the dealer is unable to remedy the defect without charge or within a reasonable period of time, you may notify the Administrator of the National Highway Traffic Safety Administration, Washington, D.C. 20590, or call the toll-free Auto Safety Hotline at 1-800-424-9393 (Washington, D.C. area residents may call 202-366-0123).

BMW OF NORTH AMERICA, INC.



Service-Information

Group 35 Pedals	Bulletin Number 35 01 97 Page 1 of 6	Woodcliff Lake, NJ October 1997 Product Engineering
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WHENEVER POSSIBLE, THE REPAIRS OUTLINED IN THIS BULLETIN SHOULD BE PERFORMED IN CONJUNCTION WITH RECALL 96V-111, S.I. 61 08 96, TO MINIMIZE CUSTOMER INCONVENIENCE

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

SUBJECT: Recall Campaign 97V-131

MODEL: E31, E32, E34, E36, E38

Situation: BMW of North America, Inc. has voluntarily initiated a safety related Recall Campaign which involves the retention of the cruise control and throttle cables of the affected vehicles.

The cruise control and throttle cables used on the above models may experience a breakage of the plastic bushing at the adjusting screw near the throttle housing, due to environmental influences coupled with vibration. If this should occur, the outer housing of the cable could become moveable in the bushing.

If the outer housing of the cruise control cable should become dislodged from the bushing during pedal application without the cruise control engaged, the outer housing of the cable could catch on the edge of the broken bushing. If this occurs, the throttle valve would remain partially open, causing a higher than normal idle speed.

The recall involves adding a spring steel clip to each cable to prevent the outer housing from dislodging from the bushing.

Vehicles

Affected: In order to determine if a specific vehicle is affected by this Service Action, 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.

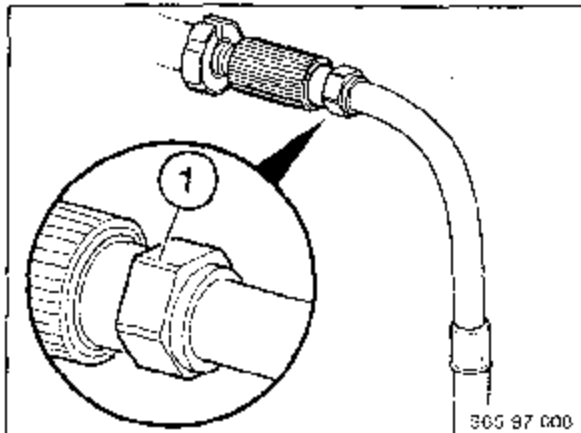
The Chassis Number Ranges listed on the attached chart are **only** for informational purposes and are not to be considered the **only** deciding factor

Please initial and route to me following for information before filing										
X	Service		X	Warranty		X	Service Technicians - Initial Below			
X	Service Advisor			Parts Mgr.						
X	Service Advisor			Body Shop						
X	Shop Foreman			PDI Dept.						

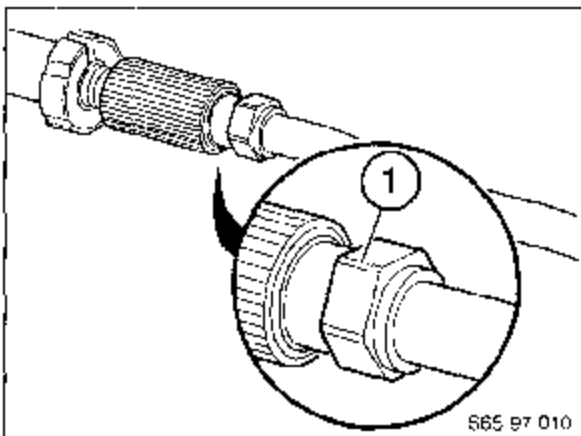
★ ★ SATISFIED CUSTOMERS - THE MEASURE OF OUR SUCCESS ★ ★

Procedure: Inspect the throttle and cruise control cables to determine if they require installation of the clips. Cars equipped with the M60/M62 engines will have to have the noise insulation cover removed to perform this check. Cables without the metal ring as illustrated below do not need to have the clip installed.

Note: Current production cables are the improved version without the metal ring, so replacement parts will not require installation of the retaining clip.



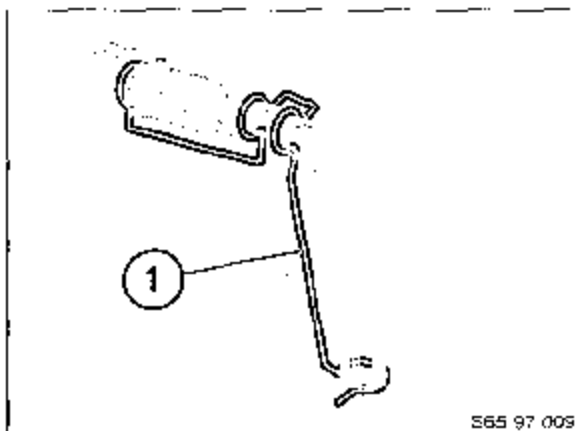
90° curved version cable
(1) Metal Ring



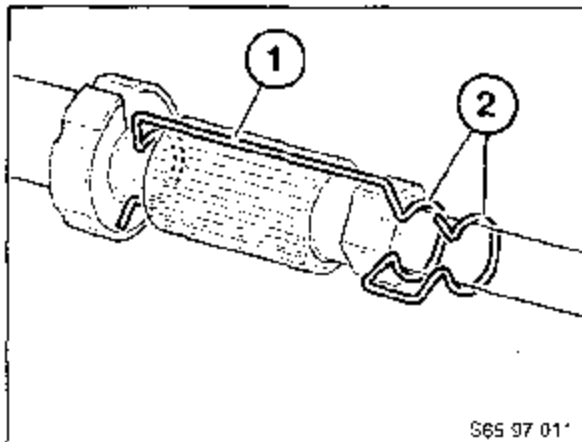
Straight version cable
(1) Metal Ring

If a cable has the metal ring as illustrated above, install the proper spring steel clip as illustrated below.

Note: Even if the plastic bushings are cracked or broken, it is not necessary to replace the cable. The spring steel clips will hold the cable in the proper position.



90° curved version cable
Install long spring steel clip (1), part number 35 40 1 165 394 as illustrated.



Straight version cable

Install short spring steel clip (1), part number 35 40 1 165 393 as illustrated. Make certain that the double clip end (2) is on the outer housing of the cable.

Parts

Information: This recall campaign involves the installation of two spring steel clips. The part numbers required depend on the particular application. A general breakdown is given below, but there may be some variations. A visual check will determine exactly which parts are required.

Application	Part Number	Quantity
(E36 S50/52, Z3, E38 M62)	35 40 1 165 393	(2)
(E34 M50 from 9/90 prod., E34 M60)	35 40 1 165 394	(2)
(E31 M60/62, E32 M60, E34 M20/M50 up to 9/90 prod., E36 M42/44/50, E38 M60)	35 40 1 165 393	(1)
	35 40 1 165 394	(1)

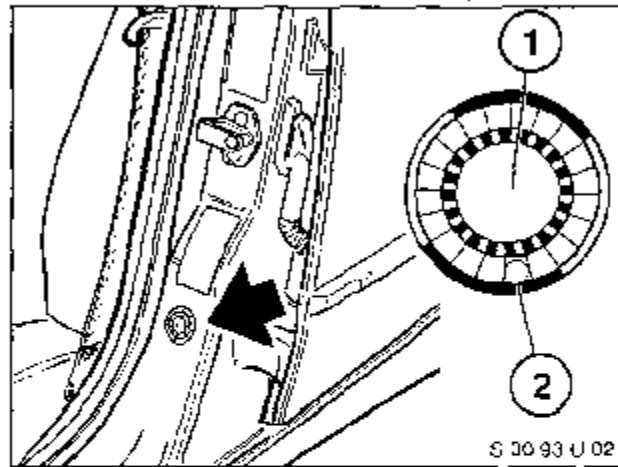
In addition to the parts listed above, cars equipped with M60 and M62 engines may experience a failure of one or more of the brackets that fasten the intake manifold cover during the repair

Application	Part Number	Quantity
M60 engines	11 61 1 747 166	(1)
	11 61 1 747 167	(1)
	11 61 1 747 168	(1)
	11 61 1 747 169	(1)
M62 engines	11 61 1 742 207	(1)
	11 61 1 742 208	(1)
	11 61 1 742 209	(1)
	11 61 1 742 210	(1)

Recall Campaign Label

Instructions: This Recall Campaign has been assigned code number 202. After the vehicle has been checked, and corrected if necessary, obtain a label (SD 92-090) and:

- emboss your BMW dealer warranty number in the middle of the label (1);
- punch out code number 202 printed on the label and,
- 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
Status:**

Reimbursement for this recall will be via Campaign Entry.

Defect Code: 00 35 05 01 00

Work Package 1: Check cables for presence of metal rings. No metal ring present, no modification required.

Labor Operation: 00 51 299 3 FRU

Work Package 2: Install clips on both cables

Labor Allowance: 00 51 299 3 FRU

Parts Allowance:

Part Number	Qty.	Model
35 40 1 165 393	(2)	E36 S50/52, Z3, E38 M62
35 40 1 165 394	(2)	E34 M50 from 9/90 prod., E34 M60
35 40 1 165 393	(1)	E31 M60/62, E32 M60, E34 M20/M50 up
35 40 1 165 394	(1)	to 9/90 prod., E36 M42/44/50, E38 M60

Note: The following work packages are for cars with M60 or M62 engines only. Since all brackets used on the M60 and the M62 engines are priced the same, and to keep the number of Work Packages at a workable level, choose from the selection of Work Packages below based only on the number of brackets replaced, regardless of the actual part numbers used. The part numbers shown in the individual packages will appear on your credit advice.

Work Package 3: Install clips on both cables, and replace one intake manifold cover retaining bracket.

Labor Allowance: 00 51 299 3 FRU

Parts Allowance:

Part Number	Qty.	Model
35 40 1 165 393	(2)	E38 M62
35 40 1 165 394	(2)	E34 M60
35 40 1 165 393	(1)	E31 M60/62, E32 M60, E38 M60
35 40 1 165 394	(1)	
11 61 1 747 166	(1)	M60 engines only
11 61 1 742 207	(1)	M62 engines only

Work Package 4: Install clips on both cables, and replace two intake manifold cover retaining brackets.

Labor Allowance: 00 51 299 3 FRU

Parts Allowance:

Part Number	Qty.	Model
35 40 1 165 393	(2)	E38 M62
35 40 1 165 394	(2)	E34 M60
35 40 1 165 393	(1)	E31 M60/62, E32 M60, E38 M60
35 40 1 165 394	(1)	
11 61 1 747 166	(1)	M60 engines only
11 61 1 747 167	(1)	
11 61 1 742 207	(1)	M62 engines only
11 61 1 742 208	(1)	

Work Package 5: Install clips on both cables, and replace three intake manifold cover retaining brackets.

Labor Allowance: 00 51 299 3 FRU

Parts Allowance:

Part Number	Qty.	Model
35 40 1 165 393	(2)	E38 M62
35 40 1 165 394	(2)	E34 M60
35 40 1 165 393	(1)	E31 M60/62, E32 M60, E38 M60
35 40 1 165 394	(1)	
11 61 1 747 166	(1)	M60 engines only
11 61 1 747 167	(1)	
11 61 1 747 168	(1)	
11 61 1 742 207	(1)	M62 engines only
11 61 1 742 208	(1)	
11 61 1 742 209	(1)	

Work Package 6:

Install clips on both cables, and replace four intake manifold cover retaining brackets.

Labor Allowance: 00 51 299 3 FRU

Parts Allowance:

Part Number	Qty.	Model
35 40 1 165 393	(2)	E38 M62
35 40 1 165 394	(2)	E34 M60
35 40 1 165 393	(1)	E31 M60/62, E32 M60, E38 M60
35 40 1 165 394	(1)	
11 61 1 747 166	(1)	M60 engines only.
11 61 1 747 167	(1)	
11 61 1 747 168	(1)	
11 61 1 747 169	(1)	
11 61 1 742 207	(1)	M62 engines only
11 61 1 742 208	(1)	
11 61 1 742 209	(1)	
11 61 1 742 210	(1)	

NOTE: If a customer requests reimbursement for a customer paid repair or replacement of a cruise control or accelerator cable on a vehicle affected by this recall such reimbursement should be made if the customer presents a pertinent repair invoice. Applicable checks/modifications under this recall still need to be performed.

Retailer reimbursement can be obtained by making a sublet claim using defect code 35 41 06 77 00. The customer repair invoice for that prior repair needs to be kept in the vehicle file.

SIGNATURES OMITTED IN ORDER TO CONSERVE PAPER

Model	Type	Chassis Number Range	Prod. Range
318i/2	E36	JA 03073 - JA 13318	8/92 - 12/95
318i/2	E36	EY 20013 - EY 21915	9/95 - 6/97
318i/2 A	E36	JC 10013 - JC 20131	12/92 - 12/95
318i/2 A	E36	EY 30005 - FY 31938	1/96 - 5/97
318i/4	E36	FG 04400 - FG 13909	9/92 - 1/95
318i/4	E36	LA 00000 - LA 03132	8/94 - 11/95
318i/4	E36	EE 58005 - EE 58507	5/96 - 6/97
318i/4	E36	LC 50027 - LC 51490	9/95 - 8/96
318i/4 A	E36	FK 58003 - FK 70377	9/92 - 1/95
318i/4 A	E36	LA 07000 - LA 13590	8/94 - 11/95
318i/4 A	E36	EK 20005 - EK 24214	7/96 - 6/97
318i/4 A	E36	LC 70034 - LC 72469	10/95 - 8/96
318iC	E36	EC 82011 - EC 85962	1/94 - 12/95
318iC	E36	EY 00003 - EY 02354	10/95 - 6/97
318iC A	E36	ED 15001 - ED 18889	1/94 - 12/95
318iC A	E36	EY 10001 - EY 12286	10/95 - 6/97
318ti	E36	AM 50210 - AM 54108	2/95 - 11/95
318ti	E36	AS 95013 - AS 99410	12/95 - 6/97
318ti A	E36	AM 70005 - AM 73678	10/94 - 11/95
318ti A	E36	AU 35007 - AU 39998	9/95 - 2/97
318ti A	E36	KC 81000 - KC 82091	2/97 - 6/97
325i/2	E36	EF 35004 - EF 52323	7/91 - 9/95
325i/2 A	E36	EK 00008 - EK 19448	10/91 - 9/95
325i/4	E36	FE 00004 - FE 24189	1/91 - 9/95
325i/4	E36	FE 40000 - FE 40359	5/94 - 7/94
325i/4 A	E36	FF 75006 - FF 94999	3/91 - 8/92
325i/4 A	E36	FL 00000 - FL 19999	8/92 - 2/94
325i/4 A	E36	FM 00000 - FM 10706	2/94 - 7/94
325i/4 A	E36	FM 20000 - FM 25662	2/95 - 10/95
325iC	E36	JC 78006 - JC 84463	5/93 - 9/95
325iC A	E36	JD 30006 - JD 44666	4/93 - 9/95
M3	E36	EE 05001 - EE 06705	1/96 - 6/97
M3	E36	EY 72008 - EY 76831	1/96 - 6/97
M3 A	E36	EE 10002 - EE 12392	1/96 - 6/97
Z3	E36	LB 65004 - LB 84999	7/95 - 4/97
Z3	E36	LE 00700 - LE 00799	4/96 - 5/96
Z3	E36	LE 01000 - LE 03422	4/97 - 7/97

Model	Type	Chassis Number Range	Prod. Range
525i	E34	1518003 - 1519170	4/88 - 1/89
525i	E34	BC 89002 - BC 93621	1/89 - 8/90
525i	E34	BF 94002 - BF 96999	8/90 - 4/92
525i	E34	GB 34000 - GB 39677	4/92 - 11/95
525i Tour	E34	GD 20001 - GD 26573	10/91 - 1/96
525iA	E34	2081003 - 2086548	4/88 - 1/89
525iA	E34	BE 19000 - BE 31999	1/89 - 3/90
525iA	E34	GB 21000 - GB 25580	3/90 - 8/90
525iA	E34	BJ 57004 - BJ 96999	3/90 - 10/93
525iA	E34	GK 40000 - GK 59999	10/93 - 5/95
525iA	E34	GK 80000 - GK 87671	5/95 - 12/95
530i	E34	GA 53002 - GA 55890	11/92 - 11/95
530i A	E34	GE 83000 - GE 94648	11/92 - 11/95
530i Tour	E34	GF 80000 - GF 87248	11/92 - 11/95
540i	E34	GA 64002 - GA 65558	7/94 - 11/95
540i A	E34	GF 25000 - GF 34669	11/92 - 11/95
740i A	E32	DE 60000 - DE 69144	6/92 - 4/94
740i A	E38	DH 00008 - DH 09396	1/94 - 12/95
740i A	E38	DL 45006 - DL 50805	4/96 - 6/97
740iL A	E32	DE 83002 - DE 93104	8/92 - 3/94
740iL A	E38	DH 29002 - DH 35999	1/95 - 8/95
740iL A	E38	DH 96000 - DH 97934	8/95 - 11/95
740iL A	E38	DL 35037 - DL 44999	10/95 - 7/96
740iL A	E38	DM 00000 - DM 09934	7/96 - 6/97
840Ci A	E31	CC 89001 - CC 90648	9/93 - 11/95
840Ci A	E31	CC 31005 - CC 31536	10/95 - 12/96



July 1998

Recall Campaign No. 97V-131, Cruise Control and Throttle Cables

Dear BMW Owner:

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

BMW AG has determined that a defect which relates to motor vehicle safety exists in certain 1992-97 BMW 3-carline, 1989-95 5-carline, 1993-97 740i, 740iL and 1994-97 840Ci passenger cars. Our records indicate that you are the owner of a potentially affected vehicle.

Description of Defect

The potential defect involves the cruise control and throttle cables of your car. It is possible that a plastic bushing on either cable, at the adjusting screw near the throttle housing, could break due to environmental influences coupled with vibration. If this were to occur, the metal outer tube of the cable assembly could become moveable in the bushing.

While it is extremely unlikely that the outer tube of the throttle cable, due to spring forces in that system, could be dislodged from the bushing during operation of the throttle linkage, it is possible that the outer tube of the cruise control cable could do so.

In this case, during application of the throttle pedal without cruise control being engaged, the outer tube could catch on the edge of the broken bushing. This would cause the throttle valve to remain partially open. If this were to occur, a high-than-normal idle speed would be present in the transmission's Neutral position and the car might not decelerate as expected when you release the gas pedal.

Description of Repair

The repair will consist of installing a spring steel clip on the outer tube of each cable in the area of the adjusting screw and plastic bushing. The clip will prevent the outer tube from dislodging from the bushing.

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

Precautions

- 1. CONTACT YOUR AUTHORIZED BMW CENTER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE.**
2. Before the repair is performed, if this problem occurs, you will notice a higher-than-normal idle speed in Neutral and engine braking may not provide the usual deceleration rate when you release the gas pedal.

In this case, near-normal deceleration can be achieved by depressing the brake pedal with greater-than-usual force. You may also shift into Neutral and brake to slow the car. No harm will be done to the engine, although engine speed will increase.

Do not shut off the engine while the car is moving because power-assisted steering and braking will be lost and headlamps will switch off. Your car should be driven to a safe location where the engine can be switched off. Make arrangements for pickup and repair as soon as possible.

3. If these precautions are ignored, a crash could occur, depending on environmental and traffic conditions and also on the driver's reaction.
4. If you are not the sole driver of your car, please advise all other drivers of these necessary precautions.

Other Information

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

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

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

If the dealer is unable to remedy the defect without charge or within a reasonable period of time, you may notify the Administrator of the National Highway Traffic Safety Administration, Washington, D.C. 20590, or call the toll-free Auto Safety Hotline at 1-800-424-9393 (Washington, D.C. area residents may call 202-366-0123).

BMW OF NORTH AMERICA, INC.