

Mazda North American Operations



May 4, 2009

NHTSA

1200 New Jersey Ave SE
Washington, DC 20590
Attn.: Assoc. Admin. for Enforcement
To Whom It May Concern:

Attached you will find documents mailed to dealers about the following Mazda campaigns:

- Recall 4707H – 1998-2002 Mazda B-Series Cruise Control Deactivation Switch
- Recall 5409D – 2010 Mazda3 Emission Harness
- MSP23 – 2010 Mazda3 Malfunction Indicator Light Illumination (DTC P2183, P0111)

Thank you,

A handwritten signature in black ink, appearing to read 'Gaur' or 'Laur', with a stylized flourish.

Gabriela Laur
Program Manager, Recalls and Compliance
Mazda North American Operations
(949) 442-6590
glaur@mazdausa.com

Mazda North American Operations

TO: All Mazda Dealership General Managers, Service Managers, and Parts Managers

DATE: April 2009

SUBJECT: 1998-2002 B-Series Cruise Control Deactivation Switch Safety Recall 4707H
SECOND NOTIFICATION

Mazda Motor Corporation has decided to renotify customers that have not responded to the 1998-2002 B-Series Cruise Control Deactivation Switch Safety Recall 4707H. Owners of subject vehicles will be asked to return their vehicles to a Mazda dealer to complete the recall repair. The renotification letters will be mailed to the owners on April 17, 2009.

Mazda Motor Corporation has decided to conduct a Safety Recall campaign on certain 1998-2002 B-Series vehicles produced from April 4, 1997 to December 10, 2002.

On certain 1998-2002 Mazda B-Series vehicles, a component of the cruise control deactivation switch may deteriorate over time and develop a leak. This occurrence could cause the switch to overheat, smoke, or burn which could result in an underhood fire. This condition may occur either when the vehicle is parked or when it is being operated, even if the cruise control is not in use.

This package contains important information about Safety Recall campaign **4707H**:

Attachment I	Dealer Service and Parts information
Attachment II	Repair procedure
Attachment III	Owner renotification letter

The National Traffic and Motor Vehicle Safety Act prohibits the delivery of any subject vehicle without performing the necessary repair for defects or failures. Failure to perform applicable recalls before delivery can result in extensive dealer fines and penalties from the Federal Government. Therefore, you must complete this recall for all affected vehicles in your inventory prior to delivery.

To help you effectively perform this recall, Mazda has developed the following resources:

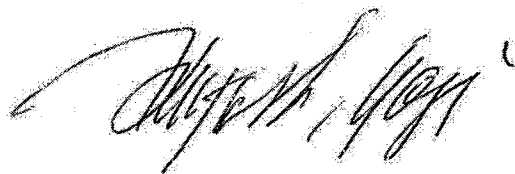
1. Service and Parts recall instructions follow (Attachment I), were e-mailed to your Service Department, and are also available on eMDCS and the MS3 (Mazda Service Support System) websites.
2. Inspection and repair procedures follow (Attachment II), and are also available on the MS3 (Mazda Service Support System) and eMDCS websites.

3. We recommend using the Recall Reminder report available in Web Reporting to encourage customers to come in for the recall (with recall reminder postcards). Dealers may use such owner information for the sole purpose of conducting and performing this recall, and for no other purpose. **Using it for marketing activities is strictly prohibited and could subject your dealership to serious fines.** The information in this report is protected by state privacy and other applicable laws regarding disclosure of personal and/or confidential, restricted or blocked information. It is the dealer's responsibility to protect the confidentiality of owner records and prevent the release of information to other parties.
4. For technical assistance, call the Technical Assistance Hotline at (888) 832-8477.
5. For warranty questions, contact the Corporate Dealer Assistance Group at (877) 727-6626 Option 3.

Please make certain the appropriate personnel in your dealership are aware of these resources and are familiar with the details of this recall before responding to customer inquiries.

We apologize for any inconvenience this recall may cause you and your customers. Your understanding and support in carrying out this campaign is greatly appreciated.

Sincerely,



Kiyoshi Yagi
Director, Technical Services
Mazda North American Operations

CONDITION OF CONCERN

On certain 1998-2002 Mazda B-Series vehicles, a component of the cruise control deactivation switch may deteriorate over time and develop a leak. This occurrence could cause the switch to overheat, smoke, or burn which could result in an underhood fire. This condition may occur either when the vehicle is parked or when it is being operated, even if the cruise control is not in use.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
1998 – 2002 B-Series	4F4*R** ** WT M00002 – M48801 4F4*R** ** XT M00001 – M48512 4F4*R** ** YT M00001 – M35466 4F4*R** ** 1T M00003 – M32647 4F4*R** ** 2T M00001 – M26712	April 4, 1997 to December 10, 2002

The asterisk symbol "*" can be any letter or number.

OWNER NOTIFICATION

Mazda will send a second notification by first class mail to U.S. owners who have not had the recall completed beginning **April 17, 2009**.

PARTS INFORMATION

Description	Part Number	Quantity	Note
Fused Jumper Harness	1F90-67-SH1	1	Non-leaking switches
Cruise Control Deactivation Switch and Harness Kit	ZZM0-66-3D2C	1	Leaking switches only
Electrical Grease (XG-12-A)	0000-77-XG12	1	1-3 oz. tube will service 10 vehicles
Campaign Label	9999-95-065A-05	1=50 labels	Mstore (no charge)

Parts may be ordered normally through the eMDCS Parts Ordering System.

WARRANTY CLAIM PROCESSING INFORMATION

	Fused Harness Installation (non-leaking switches only)	Switch Replacement (leaking switches only)
Warranty Type	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0706A	J0706C
Part Number Main Cause & Quantity	1F90-67-SH1	ZZM0-66-3D2C
Quantity	1	1
Labor Operation Code	YY487XRX	YY488XRX
Labor Hours	0.2	0.4
	Sublet – Rental Car	Sublet – Rental Car
Sublet Invoice No	Number from Rental Invoice or Dealer Purchase Order	Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code	Enter "X"	Enter "X"
Sublet Amount	Up to \$30.00 per day for the number of days customer had rental car	Up to \$30.00 per day for the number of days customer had rental car

NOTE: RENTAL EXPENSES MUST BE SUBMITTED AS A SUBLET TO THE WARRANTY CLAIM.

VERIFY THE VEHICLE NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
1998 – 2002 B-Series	4F4*R** ** WT M00002 – M48801 4F4*R** ** XT M00001 – M48512 4F4*R** ** YT M00001 – M35466 4F4*R** ** 1T M00003 – M32647 4F4*R** ** 2T M00001 – M26712	April 4, 1997 to December 10, 2002

If the vehicle is within the above ranges, go to step 2.

If vehicle is not within the above ranges, return it to the customer.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for an Authorized Campaign Label RECALL 4707H attached to the vehicle's hood.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 4707H OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626, option 2, to update vehicle history
	Not present	Proceed to "REPAIR PROCEDURE"
RECALL 4707H CLOSED	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply to vehicle's hood
RECALL 4707H is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer

Note: Verify the recall number as the vehicle may have multiple labels.

REPAIR PROCEDURE

Please refer to Attachment II.

CRUISE CONTROL SYSTEM MODIFICATION RECALL

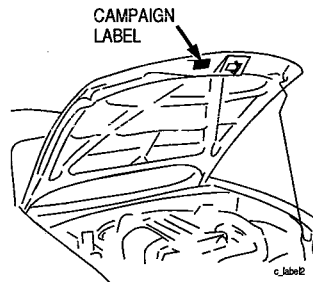
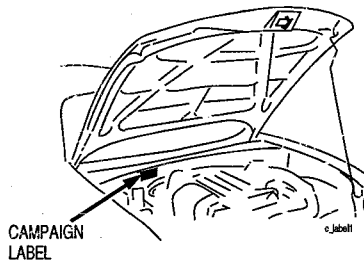
A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within the following ranges:

Model	VIN Range	Build Date
1998-2002 B-Series	4F4*R** ** WT M00002 – M48801 4F4*R** ** XT M00001 – M48512 4F4*R** ** YT M00001 – M35466 4F4*R** ** 1T M00003 – M32647 4F4*R** ** 2T M00001 – M26712 The asterisk symbol “*” can be any letter or number.	April 4, 1997 to December 10, 2002

- If the vehicle is within the above range, proceed to step 2.
 - If the vehicle is not within the above range, return the vehicle to the customer or inventory.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for a Campaign Label **4707H** attached to the vehicle's hood or bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Verify Recall number as the vehicle may have multiple Recalls.



CAMPAIGN LABEL	
CAMPAIGN NO:	_____
DEALER CODE	MAZDA
DATE:	//
PIN 0000-05-005A-05	

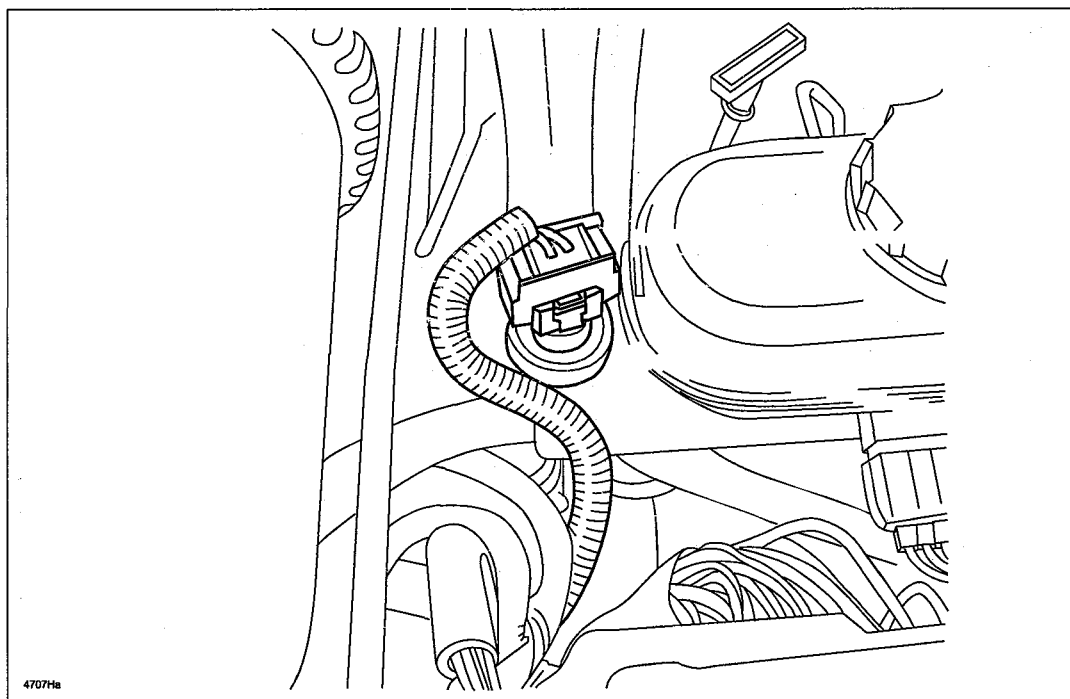
eMDCS System - Warranty Vehicle Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
4707H OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "REPAIR PROCEDURE".
4707H CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a label and apply to vehicle's hood or bulk-head.
4707H is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

B. REPAIR PROCEDURE

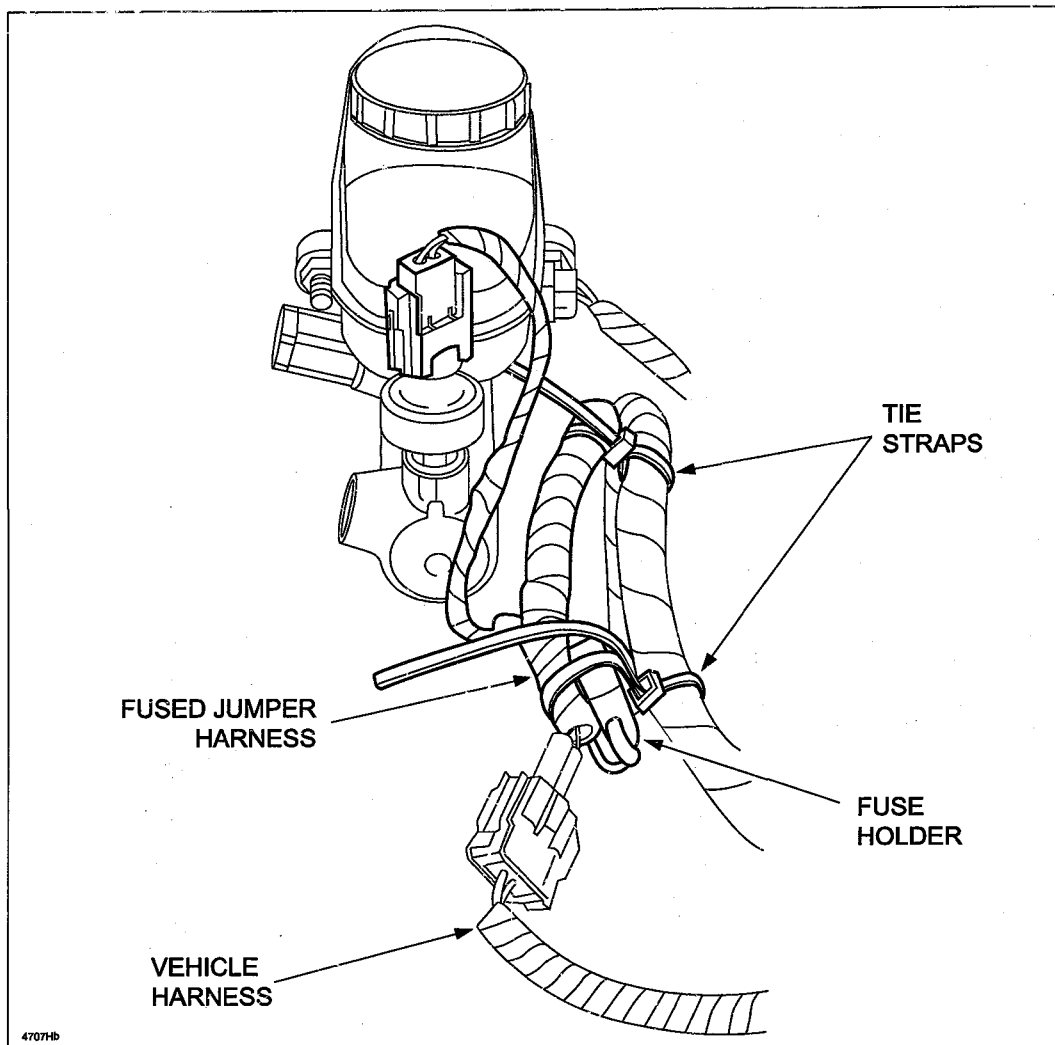
INSPECTION PROCEDURE

1. Disconnect the cruise control deactivation switch and inspect the harness connector for the presence of brake fluid.
 - If brake fluid IS NOT present, go to PROCEDURE 1.
 - If brake fluid IS present, go to PROCEDURE 2.



PROCEDURE 1 (for vehicles with non-leaking switches)

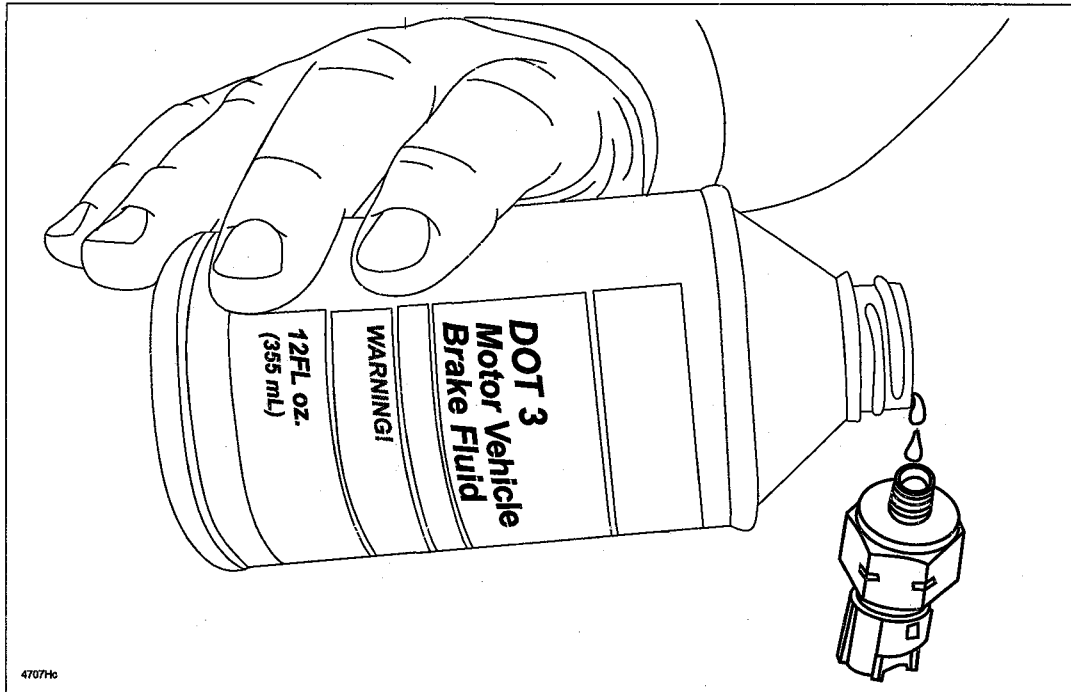
1. Connect a fused jumper harness to the speed control deactivation switch and the vehicle harness.
2. Position the harness alongside an existing harness, located below or next to the master cylinder so that the fuse holder is higher than the rest of the jumper harness. This will cause any water that enters the engine compartment and gets on the jumper harness to run downhill away from the fuse holder.
3. Secure the jumper to the existing harness with tie straps, making sure the fuse holder is positioned vertically with the cap facing upward. Wrap the tie straps underneath, then over the top of the existing harness and verify proper fuse holder orientation.



PROCEDURE 2 (for vehicles with leaking switches)

1. Check the brake fluid level at the master cylinder and, if necessary, fill to the maximum fluid level.
2. Add a few drops of DOT 3 motor vehicle brake fluid to the fluid port at the threaded end of the new deactivation switch.

CAUTION: DO NOT apply brake fluid to the electrical connector.



3. Remove the brake fluid reservoir cap.
4. Remove the speed control deactivation switch and observe brake fluid dripping/draining from the speed control deactivation switch fitting. Install the new deactivation switch as quickly as possible and tighten it to 18 Nm (13 lb-ft).

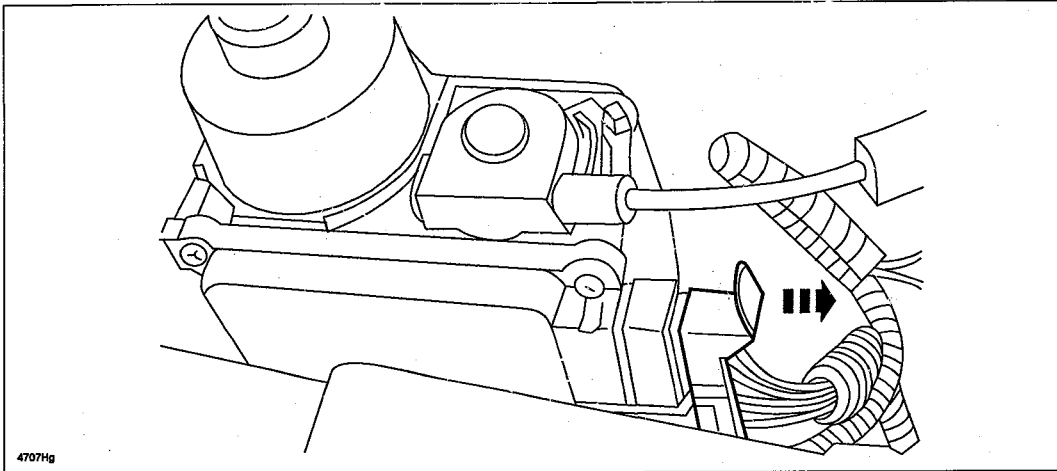
CAUTION: Do not allow any foreign material to enter the master cylinder port once the deactivation switch is removed.

NOTE:

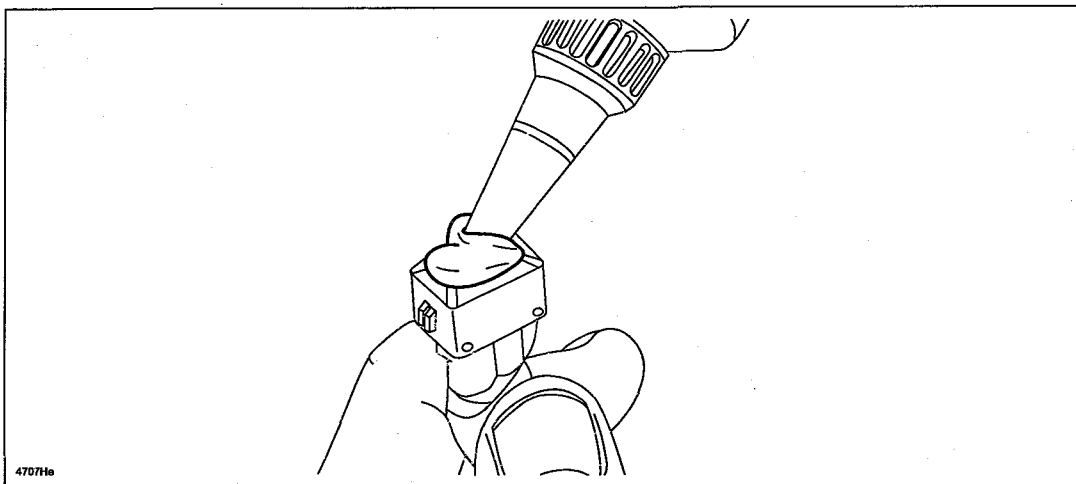
- Do not press the brake pedal while the speed deactivation switch is removed.
 - Call the Mazda Technical Hotline if fluid does not flow from the speed control deactivation switch fitting when the switch is removed.
 - The new speed control deactivation switch must be installed immediately after the original switch is removed or the master cylinder brake fluid level could drop below the minimum level and air could enter the brake system. If this should occur, air must be bled from the brake system at all four wheels, and the labor to bleed the brake system will not be covered under this program.
5. Check the brake fluid level at the master cylinder and fill to the maximum fluid level.
 6. Install the brake fluid reservoir cap.

ATTACHMENT II
4707H

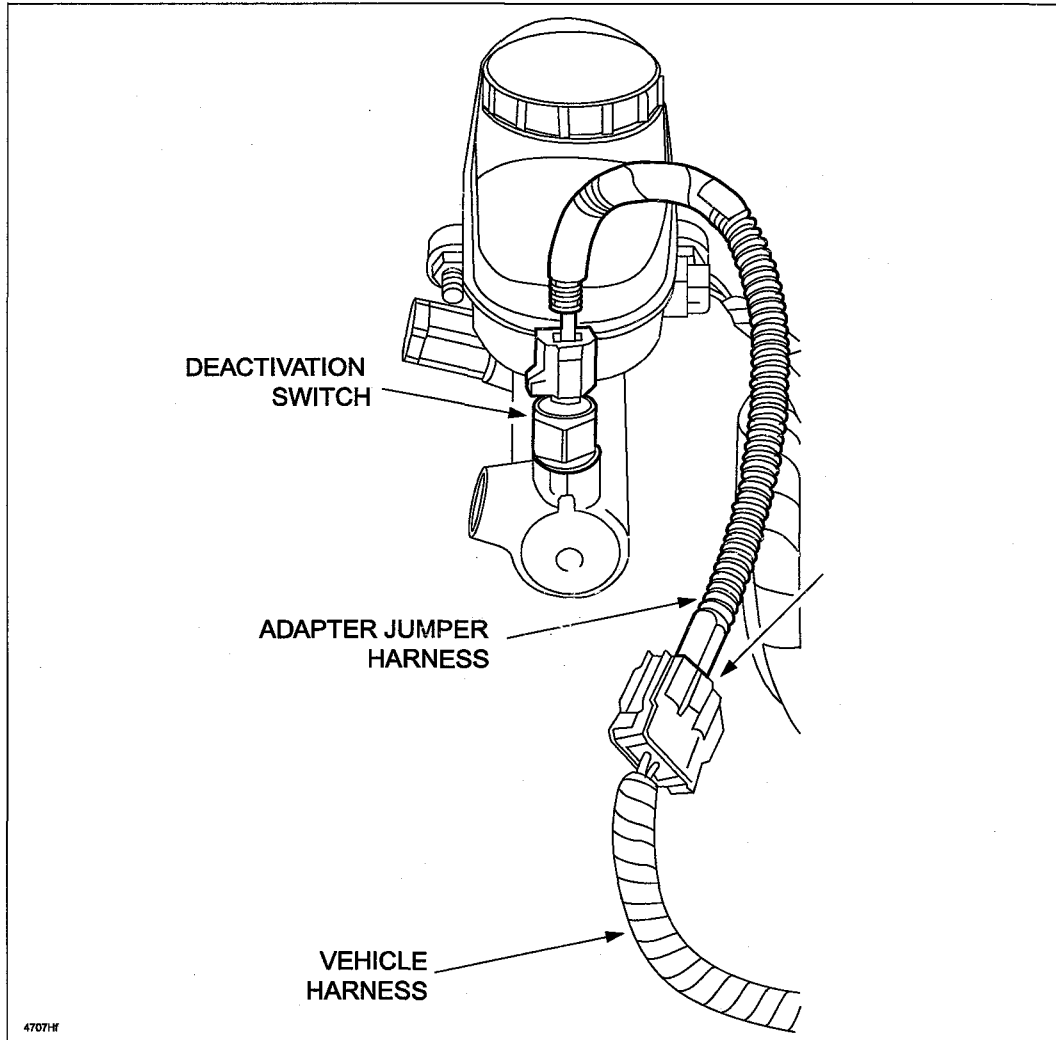
7. Disconnect the speed control servo and inspect the vehicle harness connector for heat damage.
 - If no heat damage is found at the speed control servo connector (even if there is presence of brake fluid in the connector), proceed to the next step.
 - If the speed control servo connector has heat damage, call the Mazda Technical Hotline for further instructions.



8. With the speed control servo disconnected, use shop air to blow dry the speed control deactivation switch harness electrical connector and the servo connector of any trace of brake fluid.
9. Cut approximately 3 mm (1/8 in) off the electrical grease tube applicator tip.
10. Before installing the jumper harness, fill the vehicle harness end of the jumper (male pin connector end) with the electrical grease.

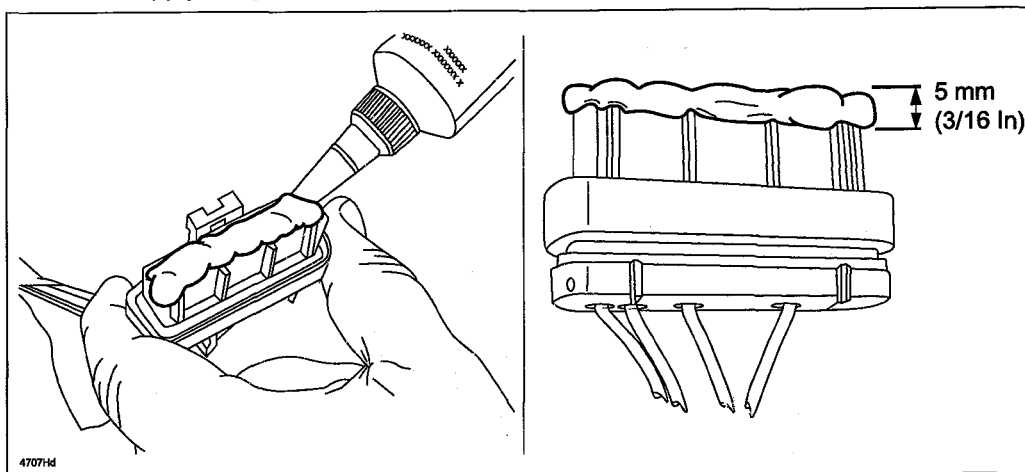


11. Install the adaptor jumper harness by connecting it to both the deactivation switch and the vehicle harness. Using the tie strap provided, secure the jumper harness to a nearby component such as the speed control cable or another wire harness.



12. Apply a 5 mm (3/16 in) high bead of electrical grease across the entire width and length of the servo vehicle harness connector.

CAUTION: Be sure to apply an adequate amount of grease to the vehicle harness connector only. DO NOT apply the grease directly to the connector of the servo module.



13. Reconnect the servo connector.

C. CAMPAIGN LABEL INSTALLATION

Complete an "Campaign Label" with the Recall number written on the sticker and affix it to the vehicle's hood or bulkhead. Refer back to the illustration under "A. VEHICLE INSPECTION PROCEDURE".

April 2009

**1998-2002 B-SERIES CRUISE CONTROL DEACTIVATION SWITCH SAFETY RECALL 4707H
SECOND NOTIFICATION**

Dear Mazda Owner:

This second notification is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. A first notice was sent on May 2007.

According to our records, as of March 23, 2009 your vehicle has not had the necessary recall repair completed. There is a possibility that on certain 1998-2002 Mazda B-Series vehicles, a component of the cruise control deactivation switch may deteriorate over time and develop a leak. This occurrence could cause the switch to overheat, smoke, or burn which could result in an underhood fire. This condition may occur either when the vehicle is parked or when it is being operated, even if the cruise control is not in use.

Your Mazda dealer will install a fused wiring harness into the cruise control system or, if necessary, replace the cruise control deactivation switch on your vehicle **free of charge**.

To locate your nearest Mazda dealer, visit our web site and try our "Locate a Dealer" feature at www.MazdaUSA.com or consult your local yellow pages.

If you have moved or no longer own your B-Series vehicle, please complete the enclosed prepaid *Information Change Card* as soon as possible. This enables us to update our records and notify the current owner.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

If you have any questions regarding this campaign, please contact our Customer Assistance Center at (800) 222-5500, option #4.

If Mazda or its dealers do not repair the defect free of charge and within a reasonable amount of time, you may notify the Administrator of the National Highway Traffic Safety Administration, 1200 New Jersey Ave., SE, Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Your safety is a priority for Mazda. We actively work to improve our products and search for solutions to improve your ownership experience. Please accept our apologies for any inconvenience this program may have caused you.

Sincerely,

Mazda North American Operations