

INFORMATION Redacted PURSUANT TO THE FREEDOM OF INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)

Mazda's response: NHTSA Inquiry NVS-213kmb, RQ09-002

Request 1

State, by model and model year, the number of subject vehicles Mazda has manufactured for sale or lease in the United States. Separately, for each subject vehicle manufactured to date by Mazda, state the following:

- a. Vehicle identification number (VIN);
- b. Make;
- c. Model;
- d. Model Year;
- e. Date of manufacture;
- f. Date warranty coverage commenced;
- g. Date subject recall repairs completed;
- h. Labor operation for subject recall repairs; and
- i. The State in the United States where the vehicle was originally sold or leased (or delivered for sale or lease).

Provide the table in Microsoft Access 2000, or a compatible format, entitled "PRODUCTION DATA." See Enclosure 1, Data Collection Disc, for a pre-formatted table that provides further details regarding this submission.

Answer 1

Mazda records indicate that the approximate total number of 2001 – 2004 Model Year Mazda Tribute vehicles subject to NHTSA recall number 07V-157 sold in the United States (the 50 states and the District of Columbia) and its protectorates and territories (American Samoa, Guam, Northern Mariana Islands, Puerto Rico, US Minor Outlying Islands, and Virgin Islands) is 95,349.

The requested data is provided electronically in Appendix 1 on the enclosed CD.
(filename: ProductionDataResponse(RQ09-002).mdb)

The following is the explanation of labor operation code(s) for path h.

Description	Labor Operation
Passed inspection: - Pass the inspection of ABS harness connector mat cover - Pass the inspection of connector seal - Apply electrical grease to ABS module connector cavity	J0705A
Seals out of position: - Pass the inspection of ABS harness connector mat cover - Reseat the connector seals - Apply electrical grease to ABS module connector cavity	J0705B
Missing seals or wrong connector mat cover: - Install pigtail connector - Apply electrical grease to ABS module connector cavity	J0705C
Corroded connector pins: - Install pigtail connector - Replace ABS module - Apply electrical grease to ABS module connector cavity	J0705D

Request 2

State the number of each of the following, received by Mazda, or of which Mazda is otherwise aware, which relate to, or may relate to, the alleged defect in the subject vehicles:

- a. Consumer complaints, including those from fleet operators;
- b. Field reports, including dealer field reports;
- c. Reports involving a fire, based on claims against the manufacturer involving a death or injury, notices received by the manufacturer alleging or proving that a death or injury was caused by a possible defect in a subject vehicle, property damage claims, consumer complaints, or field reports;
- d. Property damage claims;
- e. Third-party arbitration proceedings where Mazda is or was a party to the arbitration; and
- f. Lawsuits, both pending and closed, in which Mazda is or was a defendant or codefendant.

For subparts "a" through "f," state the total number of each item (e.g., consumer complaints, field reports, etc.) separately. Multiple incidents involving the same vehicle are to be counted separately. Multiple reports of the same incident are also to be counted separately (i.e., a consumer complaint and a field report involving the same incident in which a crash occurred are to be counted as a crash report, a field report and a consumer complaint). For items "e" and "f," identify the parties to the action, as well as the caption, court, docket number, and date on which the complaint or other document initiating the action was filed.

Answer 2Consumer complaints:

Records identified in a search of Mazda's Customer Assistance Center files maintained by the Technical Service Department (TSD) in Mazda North America Operations (MNAO), that relate or may relate to the alleged defect are provided electronically in Appendix 2 (filename: RQ09-002_Appendix2.doc) on the enclosed CD.

Field Reports:

Records identified in a search of Mazda's Technical Hotline (HL) files maintained by the TSD in MNAO that relate or may relate to the alleged defect are provided electronically in Appendix 2. No records were identified in Mazda's Product Quality Information (PQI) files maintained by the TSD.

Property Damage Claims:

Records identified in a search of Mazda's legal files maintained by the Office of Legal Affairs of MNAO that relate or may relate to the alleged defect are provided electronically in Appendix 2.

Request 3

Separately, for each item (complaint, report, claim, notice, or matter) within the scope of your response to Request No. 2, state the following information:

- a. Mazda's file number or other identifier used;
- b. The category of the item, as identified in Request No. 2 (i.e., consumer complaint, field report, etc.);
- c. Vehicle owner or fleet name (and fleet contact person), address, and telephone number;
- d. Vehicle's VIN;
- e. Vehicle's make, model and model year;
- f. Vehicle's mileage at time of incident;
- g. Incident date;
- h. Incident location;

- i. Report or claim date;
- j. Whether a vehicle fire is alleged;
- k. Whether a structure fire is alleged;
- l. Whether property damage is alleged;
- m. Number of alleged injuries, if any;
- n. Number of alleged fatalities, if any;
- o. Whether Mazda received a subrogation claim regarding the incident(If so, please provide the name of the business and/or person who submitted the claim, their address, and telephone number);
- p. Whether a fire investigation was performed by any party, that Mazda is aware of, to determine the origin and cause (if so, please provide a copy of the report);
- q. Alleged origin of the fire;
- r. Alleged cause of the fire;
- s. Whether the incident occurred with the engine "OFF" or the engine "ON";
- t. Ignition key position at time of incident;
- u. Complaint summary;
- v. Consumer comments; and
- w. Mazda's assessment of the allegation, including causal and contributing factors and a summary of the significant underlying facts and evidence.

Provide this information in Microsoft Access 2000, or a compatible format, entitled "REQUEST NUMBER TWO DATA." See Enclosure 1, Data Collection Disc, for a pre-formatted table which provides further details regarding this submission.

Answer 3

The requested information, to the extent it is available, for the consumer complaints, field reports, property damage claims and lawsuits in response to request 2 is provided in Appendix 3 on the enclosed CD. (filename: RequestTwoData(RQ09-002).mdb)

In this response, some of the requested information (e.g. customer's names and addresses, etc.) is left as "NA" because our database system does not contain such information.

Request 4

Produce copies of all documents related to each item within the scope of Request No. 2. Organize the documents separately by category (i.e., consumer complaints, field reports, etc.) and describe the method Mazda used for organizing the documents.

Answer 4

Information responsive to this information request related to the consumer complaints and field reports in the NNS (*) database at MNAO identified in response to request 2 is provided electronically in the folders named Appendix 4 - Consumer Complaints and Appendix 4 - Field Reports on the enclosed CD. Each files are named with the Mazda's file number which is same as path a. of Request2. Information related to the property damage claims is provided in the folder named Appendix 4 – Property Damage Claims.

(*)NNS: New National System is a database system maintained by Mazda North America Operations (MNAO). It is core information system and supports various customer service activities such as customer relation, repair inquiry, warranty claim submission and the others.

Request 5

State, by model and model year, a total count for all of the following categories of claims, collectively, that have been paid by Mazda to date that relate to, or may relate to, the subject recall: warranty claims; extended warranty claims; claims for good will services that were provided; field, zone, or similar adjustments and reimbursements; and warranty claims or repairs made in accordance with a procedure specified in a technical service bulletin or customer satisfaction campaign.

Separately, for each such claim, state the following information:

- a. Mazda's claim number;
- b. Vehicle owner or fleet name (and fleet contact person), address and telephone number;
- c. VIN;
- d. Repair date;
- e. Vehicle mileage at time of repair;
- f. Repairing dealer's or facility's name, telephone number, city and state or ZIP code;
- g. Labor operation number; and
- h. Comment, if any, by dealer/technician relating to claim and/or repair.

Provide this information in Microsoft Access 2000, or a compatible format, entitled "WARRANTY DATA." See Enclosure 1, Data Collection Disc, for a pre-formatted table which provides further details regarding this submission.

Answer 5

There are no records found from a search of Mazda's warranty records, that relate or may relate to the subject recall. Therefore, Mazda will not provide any data files for Request5.

Mazda notes that it is difficult to accurately determine from each warranty claim whether it relates to the alleged defect. Please note that the warranty claims are submitted to Mazda by dealers to seek payment for repairs, which they have made, and often contain insufficient information to accurately determine why a repair was made, if the repair was appropriate, or even if the repair was necessary. In our opinion, the information provided in these warranty claims is insufficient to support a determination if they relate to the alleged defect in the subject vehicles.

Request 6

Describe in detail the search criteria used by Mazda to identify the claims identified in response to Request No. 5, including the labor operations, problem codes, part numbers and any other pertinent parameters used. Provide a list of all labor operations, labor operation descriptions, problem codes, and problem code descriptions applicable to the alleged defect in the subject vehicles. State, by make and model year, the terms of the new vehicle warranty coverage offered by Mazda on the repairs associated with the subject recall (i.e., the number of months and mileage for which coverage is provided and the vehicle systems that are covered). Describe any extended warranty coverage option(s) that Mazda offered for the subject vehicles and state by option, model, and model year, the number of vehicles that are covered under each such extended warranty.

Answer 6

Information provided in response to this information request is provided electronically in Appendix 6 (filename: RQ09-002_Appendix6.doc). For 2001 and 2002 model year Tribute vehicles, Mazda provided warranty coverage of three years or 50,000 miles, whichever occurs first. For 2003 and 2004 model year Tribute vehicles, Mazda provided warranty coverage of four years or 50,000 miles, whichever occurs first. There was no extended warranty coverage offered by Mazda.

Request 7

Produce copies of all service, warranty, and other documents that relate to, or may relate to, the alleged defect in the subject vehicles, that Mazda has issued to any dealers, regional or zone offices, field offices, fleet purchasers, or other entities. This includes, but is not limited to, bulletins, advisories, informational documents, training documents, or other documents or communications, with the exception of standard shop manuals. Also include the latest draft copy of any communication that Mazda is planning to issue within the next 120 days.

Answer 7

Mazda issued 4 revisions of dealer announcement for the recall 07V-157 on and after its initiation. Copies of relevant documents are provided electronically in Appendix 7 on the enclosed CD.

(1) Dealer Letter for R4507C Original.pdf:

Original dealer notification letter for the recall 4507C(07V-157) at the initiation in April 2007

(2) Dealer Letter for R4507C_rev2.pdf:

To note a revision of part number of the ABS Module and the service pig tail kit in October 2007. Another existing ABS control module has been introduced as a repair part in order to recover the parts shortage. For service pig tail kit, Ford has newly established another pig tail kit for their demand. Because it can be usable for Mazda vehicles, it has been introduced as a new part.

(3) Dealer Letter for R4507C 2nd Notif.pdf:

To note sending the 2nd owner notification letter in August 2008.

(4) Dealer Letter for R4507C 3rd Notif.pdf:

To note sending the 3rd owner notification letter in May/June 2009.

*note

These dealer notification letters include repair procedures A to D for various repair patterns. In order to prevent any misunderstanding, the correspondence between the labor operation code and repair procedure is shown as follows. The labor operation code J0705B corresponds to the repair procedure **D**. Also, J0705D corresponds to repair procedure **B**.

Inspection & Repair	Labor Operation	Repair procedure
Passed inspection: - Pass the inspection of ABS harness connector mat cover - Pass the inspection of connector seal - Apply electrical grease to ABS module connector cavity	J0705A	A
Seals out of position: - Pass the inspection of ABS harness connector mat cover - Reseat the connector seals - Apply electrical grease to ABS module connector cavity	J0705B	<u>D</u>
Missing seals or wrong connector mat cover: - Install pigtail connector - Apply electrical grease to ABS module connector cavity	J0705C	C
Corroded connector pins: - Install pigtail connector - Replace ABS module - Apply electrical grease to ABS module connector cavity	J0705D	<u>B</u>

Request 8

Describe all assessments, analyses, tests, test results, studies, surveys, simulations, investigations, inquiries and/or evaluations (collectively, "actions") that relate to, or may relate to, the alleged defect in the subject vehicles that have been conducted, are being conducted, are planned, or are being planned by, or for, Mazda. For each such action, provide the following information:

- a. Action title or identifier;
- b. The actual or planned start date;
- c. The actual or expected end date;
- d. Brief summary of the subject and objective of the action;
- e. Engineering group(s)/supplier(s) responsible for designing and for conducting the action; and
- f. A brief summary of the findings and/or conclusions resulting from the action.

For each action identified, provide copies of all documents related to the action, regardless of whether the documents are in interim, draft, or final form. Organize the documents chronologically by action.

Answer 8

Mazda is trying to have investigation for the incident on vehicle of 4F2YU091X2KM01047, which occurred on May 26, 2009 in Pennsylvania (included in Answer 2, 3, 4). However, because the concerned vehicle is now under the hold of related insurance company, Mazda cannot make any investigation or arrangement of investigation plan.

Request 9

Furnish Mazda's assessment of the alleged defect in the subject vehicles, including:

- a. The causal or contributory factor(s);
- b. The failure mechanism(s);
- c. The failure mode(s);
- d. The risk to motor vehicle safety that it poses; and
- e. The reports included with this inquiry.

Answer 9

As the agency is aware, Mazda voluntarily initiated a safety recall 4507C (registered by NHTSA as 07V-157) for 2001 through 2004 Model Year Mazda Tribute vehicles equipped with ABS in May, 2007, simultaneously with the safety recall 07S51 (NHTSA number 07V-156) for Ford Escape vehicles conducted by Ford Motor Company, which is a builder of Mazda Tribute vehicles.

Certain electrical wiring harness for ABS control module were manufactured with some components either missing or wire seals were improperly installed around a power supply or ground connection wire terminal on the ABS module connector. If the seal is missing or was improperly installed, over time, contamination (brake fluid spill, road spray, car wash, for examples) may enter the electrical connection. The contamination may cause corrosion of the electrical pins in the connection and may result in an electrical path between the power supply and ground pins. This may result an illuminated ABS warning indicator or in rare cases, the electrical connector may overheat, smoke, or burn.

This field service action is desired to inspect missing or improper wire seal and corrosion on the ABS module connector. Depending on the inspection result, there are 4 types of repair procedure. If there is any sign of corrosion or damage on the connector, the ABS control module is replaced and the wiring harness is repaired with the pig-tail repair kit. If there is no sign of corrosion/damage but any seal issue(s) such as missing seal or wrong mat cover installed are present, the wiring harness is repaired. If the seal issue is only dislodged seal and there is no sign of corrosion, it repaired by

simply fully seating the seal. If there are no issue both of the seal and connector, no repair is needed. For all cases, the dielectric grease is applied to the connector.

Mazda has been continuing to monitor the implementation of the recall action. As described in the Answer8, Mazda tries to investigate the situation of the incident on 4F2YU091X2KM01047 vehicle.

In this response, there are 9 reports for post recall incidents of the alleged defect, and actually 8 incidents by consolidating the duplicate information. On each case, the concerned vehicles are repaired prior to the incident using labor code J0705A, which means that the technician determined there are no wire seal problems or corrosion of the connector. Also, 2 vehicles of VIN 4F2CU08121K [REDACTED] and 4F2YU08122K [REDACTED] from the VOQ information have repaired using labor code J0705A. No incident reports are found from the vehicles repaired using any other labor operation code. Therefore, there are possibilities that the improper inspection has eventually resulted post recall incidents.

Based on this situation and the number of the incidents, the same can be said for Mazda with the RQ09-002 response of Ford which has been submitted on June 19, 2009.

Mazda will continue to monitor the field concern and communicate with Ford to examine the necessity of additional action, including issuing a notification to dealers reemphasizing the importance of proper wire seal inspection procedures.

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RQ09-002

MAZDA

7-2-2009

Appendix 2, 4, 6 & 7

RQ09-002

MAZDA

7-2-2009

Appendix 2

Appendix 2

A search of Mazda's records located the following:

a) Consumer complains	3
b) Field Reports	5
c) Reports involving Death or Injury	0
d) Property Damage Claims	1
e) Arbitrations	0
f) Lawsuits	0
Total	9

RQ09-002

MAZDA

7-2-2009

Appendix 4,
PropertyDamageClaims


COZEN
O'CONNOR
ATTORNEYS

A PROFESSIONAL CORPORATION

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704.376.3400 800.762.3575 704.334.3351 FAX www.cozen.com

January 20, 2009

John W. Reis
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VIA CERTIFIED MAIL
VIA FACSIMILE
VIA FEDERAL EXPRESS

Mazda North American Operations
Mazda Information Bureau
10 Corporate Park Suite 200
Irvine, CA 92606

Mazda North American Operations
P.O. Box 19734
Irvine, CA 92623-9734

Mazda Motor Corporation
3-1, Shинchi, Fuchū-cho, Akigun
Hiroshima 730-8670, Japan

Re: My Client: USAA
USAA Member: [REDACTED]
Loss Location: [REDACTED] Franklin, TN [REDACTED]
Loss Date: 01/18/09
Claim No.: [REDACTED]
Our File No.: Pending

Risk Management or Legal Department:

I have been retained as subrogation counsel to USAA which provided property homeowner's insurance to [REDACTED] whose house was the subject of a fire emanating from a 2002 Mazda, VIN 4F2YU09122K [REDACTED]. The damages are believed to exceed \$200,000. Although we do not currently know what caused the fire, we are undertaking an investigation and invite and encourage Mazda Motor Corporation to participate in that investigation after contacting me to coordinate a date because it is possible this investigation will indicate a malfunction in the vehicle as the cause. I would like to set up the date of Tuesday, January 27, 2009 at 9:30 a.m. to conduct a **destructive scene inspection, after which the scene will be cleaned up and prepared for restoration and repairs.**

We will have someone on the scene at the designated inspection date and time with a sign-in sheet and any person who desires to be present on the scene must provide his or her name, address, phone number, email, and identify whose interests he or she represents.

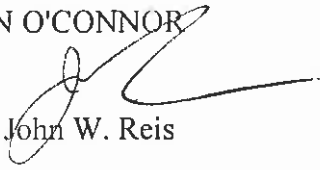
Mazda North American Operations
Mazda North American Operations
Mazda Motor Corporation
January 20, 2009
Page 2

If January 27, 2009 does not work for you, contact me at least three days in advance to let me know that so I can attempt to arrange another date. However, we have a limited window of time to finalize the inspection because the USAA member needs to make repairs to get his life back in order.

Please contact me as soon as possible, or have your insurance carrier contact me, to discuss this matter. I look forward to hearing from you and/or your insurance carrier in the near future.

Sincerely,

COZEN O'CONNOR

By:  John W. Reis

JWR/cgs

RQ09-002

MAZDA

7-2-2009

Appendix 4,
FieldReports

S20CRM1

HOTLINE RECORD (INQUIRY1)

06/30/09 19:52:15

P444

MCJP089

Hotline Ref No. : 0535598 Status: CF CLSD FIXED Region. : PA District: 03

Assign Code. : PA PACIFIC Action: P1 4507C CC. : 1 Recall. : Y

Caller. : JOSHUA DEARMOND ID: JDEARM01 MRA: Branded. : N

Job Code. : D331 CERTIFIED TECHNICIAN CPV:

Location. : 41959 BROWNING MAZDA Phone: 562 924 - 1414 Ext:

VIN. : 4F2CU09171K MDL/YR: TR2 ES A /01 Prod Dt: 07/19/01

Repair Mileage. : 67964 Cust: HUGHES, RONALD In Srvc: 08/13/01

Hotline Subject: CC 10/15/07 ABS THERMAL EVENT (ABS/HARNESS)

Category Code. : P20 SERVICE BRAKE PQI:

Symptom Codes. : 760 OIL LEAK/GREASE LEAK 850 BURNT/SMOKE

Condition Codes: MXD MASH DECLINED (MAJOR XXX DOES NOT DEPEND ON C

XXX DOES NOT DEPEND ON C

DTC:

Symptom Freq. : C CONSTANT 0 ONCE ONLY

Did you duplicate symptoms?: Y (Y or N) Number of Repair Attempts: 1

Symptoms/Conditions: CALLER STATES BRAKE MASTER CYL. THERMAL EVENT.

FILE WAS CODED N/F DUE TO POSSIBLE SAFETY CONCERNS.

PF1=HELP PF3=EXIT PF4=TRNG PF6=VEH INQ PF10=NEXT PF11=360 PF12=CNCL

PF14=RCLL PF15=BRND PF16=CC PF17=RI PF19=PQI PF20=CM

S20CSM1

HOTLINE RECORD (INQUIRY2)

06/30/09 19:57:28

P444

MCJP089

Hotline Ref No. : 0535598 Status: CF CLSD FIXED MDL/YR: TR2 ES A /01

Assign Code....: PA PACIFIC Action: P1 4507C Caller: JOSHUA DEARMOND

Location.....: 41959 BROWNING MAZDA Phone: 562 924 - 1414 Ext:

Hotline Subject: CC 10/15/07 ABS THERMAL EVENT (ABS/HARNESS)

RI No for prior repair attempts:

Describe attempted repairs.....:

TECH HAS CONFIRMED THE RECALL HAS ALREADY BEEN PERFORMED. TECH HAS CONFIRMED THE VEHICLE HAS NEVER BEEN TO THIS DEALER BEFORE. TECH CONFIRMED BRAKE FLUID HAS LEAKED OUT OF THE MASTER CYL, DOWN THE FIRE WALL, CAUSING THE MASTER CYL. THERMAL EVENT TO OCCUR. TECH SAID THE WIRING HARNESS UNDER THE BOOSTER IS BRAKE FLUID SOAKED AS WELL. TECH SAID LOOKED LIKE THE MASTER CYL. HAS BEEN LEAKING FOR A LONG TIME AND CUSTOMER HAS CONT. TO TOP OFF THE FLUID.

RI Ref No

Suggested Repair

Try Eff

F01=HELP F03=EXIT F06=VEH INQ F09=PREV F10=NEXT F11=360 F12=CNCL
F16=CC F17=RI F19=PQI F20=CMP1

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 19:57:44

P444

MCJP089

Hotline Ref No. : 0535598 Status: CF CLSD FIXED MDL/YR: TR2 ES A /01

Assign Code.... : PA PACIFIC Action: P1 4507C Caller: JOSHUA DEARMOND

Location..... : 41959 BROWNING MAZDA Phone: 562 924 - 1414 Ext:

Hotline Subject: CC 10/15/07 ABS THERMAL EVENT (ABS/HARNESS)

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	10
				TOP

10/15/07 CRPP723 ADVISED TECH THAT I WOULD FORWARD THE FILE TO P. S. E. AND THE REGION FOR POSSIBLE ASSISTANCE. COMPILE A LIST OF PARTS/LABOR FOR NEEDED REPAIRS. CUSTOMER TRIED TO PAY AND LEAVE WITH THE VEHICLE IN ITS PRESENT CONDITION AND TECH ADVISED CUSTOMER HE WOULD NOT RELEASE THE VEHICLE IN RUNNING CONDITION DUE TO POSSIBLE FUTURE SAFETY ISSUES. OFFERED TO REMOVE BATTERY, PLACE IT IN A BOX IN THE BACK, AND CALL TOWING SERVICE. CUST. DECL. AND AGREED TO LEAVE THE VEHICLE AT DLR. FOR NOW.

MORE...

Callback Date..... :

Entered By: CRPP723	10/15/07	Last Rev By: SCHAFFER	06/16/09
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F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
 F16=CC F17=RI F19=PQI F20=CMP1

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 19:57:55

P444

MCJP089

Hotline Ref No. : 0535598 Status: CF CLSD FIXED MDL/YR: TR2 ES A /01

Assign Code.... : PA PACIFIC Action: P1 4507C Caller: JOSHUA DEARMOND

Location..... : 41959 BROWNING MAZDA Phone: 562 924 - 1414 Ext:

Hotline Subject: GC 10/15/07 ABS THERMAL EVENT (ABS/HARNESS)

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	10
				MORE...

10/15/07 CRPP999 CONTACTED DEALER TT JOSH; HARNESS M/CYL, BRAKE BOOSTER
 ABS UNIT WILL NEED TO BE REPLACEDC
 CONTACTED DEALER 42104 FOR COPY OF R/O FROM RECALL
 LEFT V/M FOR JENNIFER D302 AT 42104

10/16/07 CRPP999 NO CALL BACK FROM 42104. CONTACTED DCSM AND WAS PROVIDED
 CELL # . CALLED JENNIFER ON CELL PHONE, WENT TO V/M

10/17/07 CRPP999 RECEIVED FAX FROM 42104

10/18/07 CRPP999 DEALER WILL PROVIDE PIGS, WILL ORDER NECS PARTS FOR REPAIR
 MORE...

Callback Date..... :

Entered By: CRPP723	10/15/07	Last Rev By: SCHAFFER	06/16/09
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F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
 F16=CC F17=RI F19=PQI F20=CMP1

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 19:58:08

P444

MCJP089

Hotline Ref No. : 0535598 Status: CF CLSD FIXED MDL/YR: TR2 ES A /01

Assign Code.... : PA PACIFIC Action: P1 4507C Caller: JOSHUA DEARMOND

Location..... : 41959 BROWNING MAZDA Phone: 562 924 - 1414 Ext:

Hotline Subject: GC 10/15/07 ABS THERMAL EVENT (ABS/HARNESS)

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	10
				MORE...

10/26/07 CRPP999 TT JOSH ALL PARTS EXCEPT FOR ABS HUCM HAVE ARRIVED
PART# FOR ABS HUCM IS BLOCKED EGY26765X

10/26/07 CRPP669 CLOSED

10/26/07 JS20H126 DAG RECORD CREATED: 132483 APPROVED BY: CRPP669

11/26/07 CRPP504 DENIED AUTH FOR HU/CM AND RELATED. NOT MAJOR ASSEMBLIES!

11/26/07 CRPP504 CLOSED

===== BOTTOM

Callback Date..... :

Entered By: CRPP723 10/15/07 Last Rev By: SCHAFFER 06/16/09

F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
F16=CC F17=RI F19=PQI F20=CMPI

S20CUM1

HOTLINE RECORD (INQUIRY4)

06/30/09 19:58:18

P444

MCJP089

Hotline Ref No. : 0535598 Status: CF CLSD FIXED MDL/YR: TR2 ES A /01

PQI Ref No..... : Caller: JOSHUA DEARMOND

Location..... : 41959 BROWNING MAZDA Phone: 562 924 - 1414 Ext:

Hotline Subject: CC 10/15/07 ABS THERMAL EVENT (ABS/HARNESS)

Effectiveness Comments. :

PART NUMBERS	DESCRIPTION	QTY
PNMC: EC5467010P	HARNESS, FRT	1
RLTD: ECY167SH0	SHORT CORD	1
ECY26765XA	BOX, CONTROL	1

Was the problem solved?: Y (Y or N)

Additional Suggestions. :

PLEASE SEND MODULE AND PIGTAIL

Closing Date..... : 10/26/07

Previous Status: CA CLSD APPRV

F1=HELP F3=EXIT F9=PREV F12=CNCL F16=CC F17=RI F19=PQI F20=CMPI

S20CRM1

HOTLINE RECORD (INQUIRY1)

06/30/09 19:58:59

P444

MCJP089

Hotline Ref No. : 0544932 Status: CF CLSD FIXED Region. : NE District: 12

Assign Code. : NE NORTHEAST Action: CC. : 0 Recall. : Y

Caller. : GENE SCHMITZ ID: GSCHMIT2 MRA: Branded. : N

Job Code. : D331 CERTIFIED TECHNICIAN CPV:

Location. : 50234 MAPLE SHADE MAZDA, TU Phone: 856 875 - 0200 Ext:

VIN. : 4F2YU08142K MDL/YR: TRB ES XA /02 Prod Dt: 03/12/02

Repair Mileage. : 83637 Cust: WEISS, GREGORY In Srvc: 06/17/02

Hotline Subject: ABS MODULE THERMAL EVENT

Category Code. : P20 SERVICE BRAKE PQI:

Symptom Codes. : 850 BURNT/SMOKE

Condition Codes: AFA DRIVING ON LEVEL ROA

DTC:

Symptom Freq. : 0 ONCE ONLY

Did you duplicate symptoms?: Y (Y or N) Number of Repair Attempts: 1

Symptoms/Conditions: ABS MODULE THERMAL EVENT

PF1=HELP PF3=EXIT PF4=TRNG PF6=VEH INQ PF10=NEXT PF11=360 PF12=CNCL

PF14=RCLL PF15=BRND PF16=CC PF17=RI PF19=PQI PF20=CM

S20CSM1

HOTLINE RECORD (INQUIRY2)

06/30/09 19:59:12

P444

MCJP089

Hotline Ref No. : 0544932 Status: CF CLSD FIXED MDL/YR: TRB ES XA /02

Assign Code.... : NE NORTHEA Action: Caller: GENE SCHMITZ

Location..... : 50234 MAPLE SHADE MAZDA, TU Phone: 856 875 - 0200 Ext:

Hotline Subject: ABS MODULE THERMAL EVENT

RI No for prior repair attempts:

Describe attempted repairs.....:

ABS MODULE THERMAL EVENT

RI Ref No

Suggested Repair

Try Eff

F01=HELP F03=EXIT F06=VEH INQ F09=PREV F10=NEXT F11=360 F12=CNCL

F16=CC F17=RI F19=PQI F20=CMP I

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 19:59:22

P444

MCJP089

Hotline Ref No. : 0544932 Status: CF CLSD FIXED MDL/YR: TRB ES XA /02

Assign Code.... : NE NORTHEAS Action: Caller: GENE SCHMITZ

Location..... : 50234 MAPLE SHADE MAZDA, TU Phone: 856 875 - 0200 Ext:

Hotline Subject: ABS MODULE THERMAL EVENT

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	3
				TOP

01/02/08 NOEP199 RTS TOOK PHOTOS AND RO'S AND GAVE THEM TO CHRIS SEYMORE

01/08/08 NOEP216 PICTURE FORWARDED TO DAVE PAGE FOR REVIEW

01/08/08 NOEP216 CLOSED

===== BOTTOM

Callback Date..... :

Entered By: NOEP199 01/02/08 Last Rev By: NOEP216 01/08/08

F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
F16=CC F17=RI F19=PQI F20=CMPI

S20CUM1

HOTLINE RECORD (INQUIRY4)

06/30/09 19:59:38

P444

MCJP089

Hotline Ref No. : 0544932 Status: CF CLSD FIXED MDL/YR: TRB ES XA /02

PQI Ref No..... : Caller: GENE SCHMITZ

Location..... : 50234 MAPLE SHADE MAZDA, TU Phone: 856 875 - 0200 Ext:

Hotline Subject: ABS MODULE THERMAL EVENT

Effectiveness Comments. :

Was the problem solved?: Y (Y or N)

Additional Suggestions. :

Closing Date..... : 01/08/08

Previous Status: NF NO FIX

F1=HELP F3=EXIT F9=PREV F12=CNCL F16=CC F17=RI F19=PQI F20=CMP1

S20CRM1

HOTLINE RECORD (INQUIRY1)

06/30/09 20:00:20

P444

MCJP089

Hotline Ref No.: 0615306 Status: CF CLSD FIXED Region.: SE District: 08

Assign Code....: C CORPORATE Action: CC.: 1 Recall.: Y

Caller.....: JOHN REESE ID: JREESEG MRA: Branded.: N

Job Code.....: D333 MASTER TECHNICIAN CPV:

Location.....: 50526 CASEY MAZDA Phone: 757 988 - 1200 Ext:

VIN.....: 4F2YU09162K [REDACTED] MDL/YR: TRB LX 2A /02 Prod Dt: 08/06/01

Repair Mileage.: 99999 Cust: KING, CHARLIE C. In Srvc: 11/30/01

Hotline Subject: DR 05/08/09 FIRE IN HARNESS ABOVE ABS CONNECTOR

Category Code..: P20 SERVICE BRAKE PQI:

Symptom Codes..: 850 BURNT/SMOKE

Condition Codes: MXD MASH DECLINED (MAJOR

XXX DOES NOT DEPEND ON C

DTC:

Symptom Freq...: C CONSTANT

Did you duplicate symptoms?: Y (Y or N) Number of Repair Attempts: 1

Symptoms/Conditions: HARNESS CAUGHT FIRE ABOUT 1 INCH ABOVE ABS CONNECTOR.

THE OWNER BROUGHT IT IN QUOTING THE ABS RECALL 4507C

CURRENT MILEAGE 133439

PF1=HELP PF3=EXIT PF4=TRNG PF6=VEH INQ PF10=NEXT PF11=360 PF12=CNCL

PF14=RCLL PF15=BRND PF16=CC PF17=RI PF19=PQI PF20=CM

S20CSM1

HOTLINE RECORD (INQUIRY2)

06/30/09 20:04:05

P444

MCJP089

Hotline Ref No. : 0615306 Status: CF CLSD FIXED MDL/YR: TRB LX 2A /02

Assign Code.... : C CORPORA Action: Caller: JOHN REESE

Location..... : 50526 CASEY MAZDA Phone: 757 988 - 1200 Ext:

Hotline Subject: DR 05/08/09 FIRE IN HARNESS ABOVE ABS CONNECTOR

RI No for prior repair attempts:

Describe attempted repairs.....:

INSPECTED. RECALL WAS PERFORMED BY THIS DEALER 08/03/07
DAMAGE HARNESS MELTED, PAINT BLISTERED ON FIREWALL AND BRAKE BOOSTER, NEG. BATTERY CABLE DAMAGED. PUT OUT WITH FIRE EXTINGUISHER. BRAKE BOOSTER HOSE SOFT AND PLIABLE. MASTER CYLINDER IS FULL TO MAX LINE.

RI Ref No	Suggested Repair	Try Eff
-----------	------------------	---------

F01=HELP F03=EXIT F06=VEH INQ F09=PREV F10=NEXT F11=360 F12=CNCL
 F16=CC F17=RI F19=PQI F20=CMP1

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 20:04:42

P444

MCJP089

Hotline Ref No. : 0615306 Status: CF CLSD FIXED MDL/YR: TRB LX 2A /02

Assign Code.... : C CORPORAT Action: Caller: JOHN REESE

Location..... : 50526 CASEY MAZDA Phone: 757 988 - 1200 Ext:

Hotline Subject: DR 05/08/09 FIRE IN HARNESS ABOVE ABS CONNECTOR

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	9
				TOP

05/08/09 CRPP284 REQUEST TECH REP TO COME OUT AND INSPECT AND DOCUMENT

05/08/09 CRPP284 CLOSED

05/08/09 SOEP191 RTS, KEMMER TO INSPECT 5-11-09

05/15/09 SOEP184 INSPECTED VEHICLE AND FOUND THE HARNESS AND ABS MODULE WERE DAMAGED BY HEAT. RECALL WAS PERFORMED IN 2007. VEHICLE NEEDS HARNESS, ABS MODULE, MASTER CYLINDER AND BOOSTER REPLACED. UNABLE TO DETERMINE IF RECALL WAS PERFORMED CORRECTLY DUE TO DAMAGE.

MORE...

Callback Date..... :

Entered By: RITTENHOUSE 05/08/09

Last Rev By: SCHAFFER

06/16/09

F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
F16=CC F17=RI F19=PQI F20=CMPI

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 20:05:09

P444

MCJP089

Hotline Ref No. : 0615306 Status: CF CLSD FIXED MDL/YR: TRB LX 2A /02

Assign Code.... : C CORPORAT Action: Caller: JOHN REESE

Location..... : 50526 CASEY MAZDA Phone: 757 988 - 1200 Ext:

Hotline Subject: DR 05/08/09 FIRE IN HARNESS ABOVE ABS CONNECTOR

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	9
				MORE...

05/21/09 SOEP184 AS PER HOTLINE AND REGION, TECH TO REPAIR VEHICLE UNDER WARRANTY. HARNESS IS NO LONGER AVAILABLE SO TECH WILL USE THE REPLACEMENT CONNECTOR AND PIGTAIL AVAILABLE THROUGH THE RECALL TO REPAIR. MASTER CYL, BRAKE BOOSTER, BRAKE LINES AND THE ABS MODULE TO BE REPLACED.

05/21/09 SOEP184 CLOSED

06/03/09 CRPP504 DENIED AUTH, PLEASE SUBMIT CLAIM TO REGION/DCSM, THIS IS NOT A MAJOR ASSEMBLY.

MORE...

Callback Date..... :

Entered By: RITTENHOUSE 05/08/09

Last Rev By: SCHAFFER

06/16/09

F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
 F16=CC F17=RI F19=PQI F20=CMPI

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 20:05:42

P444

MCJP089

Hotline Ref No. : 0615306 Status: CF CLSD FIXED MDL/YR: TRB LX 2A /02

Assign Code.... : C CORPORAT Action: Caller: JOHN REESE

Location..... : 50526 CASEY MAZDA Phone: 757 988 - 1200 Ext:

Hotline Subject: DR 05/08/09 FIRE IN HARNESS ABOVE ABS CONNECTOR

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	9
				MORE...

06/05/09 CRPP504 RECEIVED VOICEMAIL FROM DEALER AND THEY WERE INSTRUCTED BY BETTY AT WARRANTY HOTLINE TO SUBMIT TO TECH HOTLINE. THE RECALL WAS CLOSED 2 YEARS AGO AND CLAIM WILL NEED TO GO AWA THROUGH REGION.

06/08/09 CRPP922 MARKHAM, SHARON (D328 WARRANTY ADMINISTRATOR) CALLED... INQ ABOUT GETTING PAID FOR THIS REPAIR.?. GAVE INFO TO FH AND HE WILL REVEIW...

===== BOTTOM

Callback Date..... :

Entered By: RITTENHOUSE 05/08/09 Last Rev By: SCHAFFER 06/16/09

F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
F16=CC F17=RI F19=PQI F20=CMPI

S20CUM1

HOTLINE RECORD (INQUIRY4)

06/30/09 20:06:14

P444

MCJP089

Hotline Ref No. : 0615306 Status: CF CLSD FIXED MDL/YR: TRB LX 2A /02

PQI Ref No..... : Caller: JOHN REESE

Location..... : 50526 CASEY MAZDA Phone: 757 988 - 1200 Ext:

Hotline Subject: DR 05/08/09 FIRE IN HARNESS ABOVE ABS CONNECTOR

Effectiveness Comments.:

Was the problem solved?: (Y or N)

Additional Suggestions.:

Closing Date..... : 05/08/09

Previous Status: NF NO FIX

F1=HELP F3=EXIT F9=PREV F12=CNCL F16=CC F17=RI F19=PQI F20=CMP1

S20CRM1

HOTLINE RECORD (INQUIRY1)

06/30/09 20:07:06

P444

MCJP089

Hotline Ref No. : 0618079 Status: NF NO FIX Region.. : NE District: 07

Assign Code.... : NE NORTHEAST Action: MR MUTLIPLE R CC. : 0 Recall.. : Y

Caller..... : LOUIS CAIRO ID: LCAIRO MRA: Branded. : N

Job Code..... : D332 SENIOR TECHNICIAN CPV:

Location..... : 50359 PACIFICO MAZDA Phone: 215 365 - 7400 Ext:

VIN..... : 4F2YU091X2K MDL/YR: TRB LX 2A /02 Prod Dt: 09/26/01

Repair Mileage. : 95405 Cust: BROWN, ALYCIA C. In Srvc: 10/29/01

Hotline Subject: *SAFETY*HAL 05/26/09 ABS WIRING MELTED AFTER 4507C

Category Code.. : P20 SERVICE BRAKE PQI:

Symptom Codes.. : 850 BURNT/SMOKE 840 UNUSUAL ODOR

Condition Codes: XXX DOES NOT DEPEND ON C XXX DOES NOT DEPEND ON C

DTC:

Symptom Freq... : C CONSTANT C CONSTANT

Did you duplicate symptoms?: Y (Y or N) Number of Repair Attempts: 2

Symptoms/Conditions: C/S THEY SMELT SOMETHING BURNING..THEY OPENED THE HOOD AND SAW A WIRING HARNESS WAS MELTING...TECH STS THE VEH WAS TOWED IN AND HE FOUND THE ABS HARNESS CONNECTOR AT THE ABS UNIT IS MELTED...

PF1=HELP PF3=EXIT PF4=TRNG PF6=VEH INQ PF10=NEXT PF11=360 PF12=CNCL
PF14=RCLL PF15=BRND PF16=CC PF17=RI PF19=PQI PF20=CM

S20CSM1

HOTLINE RECORD (INQUIRY2)

06/30/09 20:07:30

P444

MCJP089

Hotline Ref No. : 0618079 Status: NF NO FIX MDL/YR: TRB LX 2A /02

Assign Code.... : NE NORTHEA Action: MR MUTLIPL E Caller: LOUIS CAIRO

Location..... : 50359 PACIFICO MAZDA Phone: 215 365 - 7400 Ext:

Hotline Subject: *SAFETY*HAL 05/26/09 ABS WIRING MELTED AFTER 4507C

RI No for prior repair attempts:

Describe attempted repairs.....:

TECH STS THE RECALL 4507C WAS PERFORMED LAST YEAR ON 09/05/08 AND THE HARN-
ESS WAS FINE AT THAT TIME...THEY JUST INSPECTED AND APPLIED THE GREASE AT
THAT TIME...TECH HAS NOT REMOVED THE CONNECTION AT THIS TIME...

RI Ref No	Suggested Repair	Try Eff
0005504	RECALL 4507C:TRIBUTE ANTI-LOCK BRAKE SYSTEM	

F01=HELP F03=EXIT F06=VEH INQ F09=PREV F10=NEXT F11=360 F12=CNCL
 F16=CC F17=RI F19=PQI F20=CMP I

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 20:08:03

P444

MCJP089

Hotline Ref No. : 0618079 Status: NF NO FIX MDL/YR: TRB LX 2A /02

Assign Code.... : NE NORTHEAS Action: MR MUTLIPLER Caller: LOUIS CAIRO

Location..... : 50359 PACIFICO MAZDA Phone: 215 365 - 7400 Ext:

Hotline Subject: *SAFETY*HAL 05/26/09 ABS WIRING MELTED AFTER 4507C

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	2
				TOP

05/26/09 CRPP922 ASKED TECH FOR PIC'S OF DAMAGE...DO NOT REMOVE THE CONNECTOR YET...ADVISED REGION...

***RECEIVED PIC'S OF HARNESS/CONNECTION...SAVED TO 'Z' DRIVE

05/28/09 NOEP226 CALLED DEALER AND ADVISED CUSTOMER TO CALL INS COMPANY

===== BOTTOM

Callback Date..... :

Entered By: LIMON	05/26/09	Last Rev By: MERGL	05/28/09
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F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
 F16=CC F17=RI F19=PQI F20=CMPI

S20CUM1

HOTLINE RECORD (INQUIRY4)

06/30/09 20:08:42

P444

MCJP089

Hotline Ref No. : 0618079 Status: NF NO FIX MDL/YR: TRB LX 2A /02

PQI Ref No..... : Caller: LOUIS CAIRO

Location..... : 50359 PACIFICO MAZDA Phone: 215 365 - 7400 Ext:

Hotline Subject: *SAFETY*HAL 05/26/09 ABS WIRING MELTED AFTER 4507C

Effectiveness Comments. :

Was the problem solved?: (Y or N)

Additional Suggestions. :

Closing Date..... :

Previous Status: SG SUGGESTED

F1=HELP F3=EXIT F9=PREV F12=CNCL F16=CC F17=RI F19=PQI F20=CMP1

S20CRM1

HOTLINE RECORD (INQUIRY1)

06/30/09 20:09:23

P444

MCJP089

Hotline Ref No. : 0618399 Status: NF NO FIX Region. : GU District: 01

Assign Code. : GU GULF Action: CC. : 1 Recall. : Y

Caller. : ROGER CAVAZOS ID: RCAVAZ02 MRA: Branded. : N

Job Code. : D311 SERVICE CONSULTANT CPV:

Location. : 40336 BORMAN MAZDA Phone: 575 525 - 4500 Ext:

VIN. : 4F2CU08142K MDL/YR: TRB ES XA /02 Prod Dt: 10/05/01

Repair Mileage. : 99999 Cust: BEIL, GARY In Srvc: 11/05/01

Hotline Subject: LD 05/27/09 UNDER HOOD THERMAL EVENT

Category Code. : P20 SERVICE BRAKE PQI:

Symptom Codes. : 620 DOES NOT TURN OFF/WA

Condition Codes: XXX DOES NOT DEPEND ON C

DTC:

Symptom Freq. : C CONSTANT

Did you duplicate symptoms?: Y (Y or N) Number of Repair Attempts: 1

Symptoms/Conditions: CUSTOMER HAS BROUGHT THE VEHICLE TO THE DEALER WITH A BRAKE AND THE ABS LIGHTS ON, THE TECH SMELLED SOMETHING AND DEALER TOLD THE CUSTOMER THAT THE VEHICLE NEEDED MORE DIAG BUT HE TOOK THE CAR OUT ELSEWHERE TO HAVE IT DIAG. VEHICLE HAS ~150,000 MILES

PF1=HELP PF3=EXIT PF4=TRNG PF6=VEH INQ PF10=NEXT PF11=360 PF12=CNCL
PF14=RCLL PF15=BRND PF16=CC PF17=RI PF19=PQI PF20=CM

S20CSM1

HOTLINE RECORD (INQUIRY2)

06/30/09 20:10:48

P444

MCJP089

Hotline Ref No. : 0618399 Status: NF NO FIX MDL/YR: TRB ES XA /02

Assign Code.... : GU GULF Action: Caller: ROGER CAVAZOS

Location..... : 40336 BORMAN MAZDA Phone: 575 525 - 4500 Ext:

Hotline Subject: LD 05/27/09 UNDER HOOD THERMAL EVENT

RI No for prior repair attempts:

Describe attempted repairs.....:

WELL THE VEHICLE COUGHT ON FIRE (RECALL), THERE IS BURT WIRES AN DAMAGE TO THE ABS MODULE

RI Ref No

Suggested Repair

Try Eff

F01=HELP F03=EXIT F06=VEH INQ F09=PREV F10=NEXT F11=360 F12=CNCL

F16=CC F17=RI F19=PQI F20=CMP I

S20CTM1

HOTLINE RECORD (INQUIRY3)

06/30/09 20:11:15

P444

MCJP089

Hotline Ref No. : 0618399 Status: NF NO FIX MDL/YR: TRB ES XA /02

Assign Code.... : GU GULF Action: Caller: ROGER CAVAZOS

Location..... : 40336 BORMAN MAZDA Phone: 575 525 - 4500 Ext:

Hotline Subject: LD 05/27/09 UNDER HOOD THERMAL EVENT

Other suggested repairs:

Date	By Whom	Text	Follow Up Count:	2
			TOP	

05/27/09 CRPP153 DEALER TO CONTACT THE DCSM.

06/16/09 CRPP209 * 16:25 PDT: AS PER F.H. SENT FILE TO REGION

===== BOTTOM

Callback Date..... :

Entered By: DANGOND 05/27/09 Last Rev By: SCHAFER 06/16/09

F1=HELP F3=EXIT F6=VEH INQ F7=BWD F8=FWD F9=PREV F10=NEXT F11=360 F12=CNCL
F16=CC F17=RI F19=PQI F20=CMPI

S20CUM1

HOTLINE RECORD (INQUIRY4)

06/30/09 20:12:00

P444

MCJP089

Hotline Ref No. : 0618399 Status: NF NO FIX MDL/YR: TRB ES XA /02

PQI Ref No..... : Caller: ROGER CAVAZOS

Location..... : 40336 BORMAN MAZDA Phone: 575 525 - 4500 Ext:

Hotline Subject: LD 05/27/09 UNDER HOOD THERMAL EVENT

Effectiveness Comments.:

Was the problem solved?: (Y or N)

Additional Suggestions.:

Closing Date..... :

Previous Status: NI NEEDS INVE

F1=HELP F3=EXIT F9=PREV F12=CNCL F16=CC F17=RI F19=PQI F20=CMPI

RQ09-002

MAZDA

7-2-2009

Appendix 4,
ConsumerComplaint

S1016M1 OPEN CUSTOMER CONTACT INQUIRY 06/30/09 20:13:04
P444 MCJP089
Rqst No. : 1138700 - 80 Source: 6 VIN.....: 4F2GZ94163K [REDACTED] Goodwill.: N
Mdl/Yr.. : TRB / 03 Mileage: Dlvry Dt: 06/30/03 Trnsm: A Srv Agrmt:
Last Nm. : [REDACTED] First Nm: [REDACTED] R/TO.....:
Midl Nm. : M Address1: [REDACTED]
Adr2: City....: GREENBELT
State... : MD Zip: [REDACTED] Day Ph. : - - Ext. :
Eve Ph. : - - Brand. : N DSA... : Assigned Rgn: NE R/A:
Resp Dlr: Rslv Dlr:
E-mail:
1) Typ: 1 Rea: 1B Cat: B CC: 85 2) Typ: Rea: Cat: CC:
3) Typ: Rea: Cat: CC: 4) Typ: Rea: Cat: CC:
ON 6/5/07, RECVD LETTER FROM NATIONWIDE INSURANCE COMPANY. STS VEH SUSTAINED F
IRE DAMAGE AS A RESULT OF DEFECT. STS PLACING NOTICE OF CLAIM AGAINST MNAO. CU
STOMER MEDIATION HANDLING, PAUL WINOVITCH.

Region: MA Opened by: CRPC383 Opened Dt: 06/05/07 Closed Dt: 12/14/07

SVCD00011 Function Completed

PF3=EXIT PF5=RFH PF6=ZIP PF9=FLP PF10=CLS PF11=SNT PF12=RETN PF15=360

S1017M1
P444

CUSTOMER FOLLOW-UP INQUIRY

06/30/09 20:13:32
MCJP089

Rqst No..... : 1138700 - 80 Name..... : [REDACTED]
VIN..... : 4F2CZ94163K [REDACTED] Closed date.. : 12/14/07
Handled by..... : CRPP185 Date Modified: 12/14/07
Notify QA..... : District..... :
Rgn F-up Dt..... : Corp F-up Dt. :

Action Taken:

Date By Whom Text

TOP

06/05/07 CRPP185 REQ DESC: SUBROGATION DEMAND - STS VEHICLE FIRE DAMAGE
06/26/07 CRPP011 TT CST STS WOULD LIKE TO KNOW HOW MNAO CAME UP WITH THE AMOU
NT OF SETTLEMENT. CAS ADV'D WILL FORWARD THIS MSG TO MEDIATI
ON A SOMEONE FROM THAT DEPARTMENT WILL CONTACT HER BEFORE TH
E CLOSE OF BUSINESS.
TT PAUL IN MEDIATIONS ADV'D TAKE A MESSAGE AND FORWARD C/B N
BR. SENT EMAIL AND FORWARDED FILE AS REQUESTED.
06/27/07 CRPP219 CST CALLED TO CHECK STATUS OF C/B. ADV CST THAT I WOULD FORW
MORE...

SVCD00011 Function Completed

F3=EXIT F5=RFH F6=OPN F7=BKD F8=FRD 10=CLS 11=SNT 12=RETN 19=TOP 20=BOT

S1018M1

CUSTOMER CLOSING INQUIRY

06/30/09 20:14:25

P444

MCJP089

Rqst No.... : 1138700 - 80

Name..... : ██████████

VIN..... : 4F2CZ94163K ██████████

Rslv Dir..... :

Closed By.. : CRPP185

Closed Date.... : 12/14/07

Satis Code. : Y

Re-open Date... : Re-open.... :

Dir Contact:

Cust Contact Dt:

D:

L:

R:

:

:

M: SETTLED THE CASE WITH CUSTOMER.

M:

A:

:

:

:

Ref Nbr: Lgl: Arb: R/T0 Log Nbr: Lock Contact: N

Micro-Film Cassette Number: Frame Nbr...:

SVCD00011 Function Completed

PF3=EXIT PF5=RFSH PF6=OPN PF9=FLP PF11=SNT PF12=RETN

S1016M1 OPEN CUSTOMER CONTACT INQUIRY 06/30/09 20:15:37
P444 MCJP089

Rqst No. : 1156089 - 40 Source: 1 VIN.....: 4F2CU09171K [REDACTED] Goodwill.: N
Mdl/Yr.. : TR2 / 01 Mileage: 67000 Dlvry Dt: 08/13/01 Trnsm: A Srv Agrmt:
Last Nm. : [REDACTED] First Nm: [REDACTED] R/TO.....:
Midl Nm. : Address1: [REDACTED]
Adr2: City....: GARDEN GROVE
State...: CA Zip: [REDACTED] Day Ph. : - - Ext. :
Eve Ph. : - - Brand. : N DSA...: Y Assigned Rgn: PA R/A:
Resp Dir: Rslv Dir: 42104 HUNTINGTON BEACH MAZD

E-mail:

1) Typ: 1 Rea: 1B Cat: P20 CC: 97 2) Typ: Rea: Cat: CC:
3) Typ: Rea: Cat: CC: 4) Typ: Rea: Cat: CC:

CUST STS ABS MODULE CONNECTOR RECALL #4507C DONE 7/9/07 & POWERTRAIN CONTROL M
ODULE RECALL #1904D DONE 7/1/04 PERFORMED @ DLR #42104. STS ABS & BRAKE LIGHT
CAME ON, HAD INDEPENT INSPECT WHO ADVD ABS MODULE & CONNECTOR MELTED SUBSEQUEN
T TO RECENT RECALL REPAIR. CUST STS DLR ADVD \$96 DIAG FEE, BUT CUST STS SHLD N
OT BE CHARGED AS DLR DID THE WORK & THE CONCERN IS VISIBLE.

Region: MA Opened by: CRPP233 Opened Dt: 10/08/07 Closed Dt: 11/15/07

SVCD00011 Function Completed

PF3=EXIT PF5=RFH PF6=ZIP PF9=FLP PF10=CLS PF11=SNT PF12=RETN PF15=360

S1017M1
P444

CUSTOMER FOLLOW-UP INQUIRY

06/30/09 20:16:05
MCJP089

Rqst No..... : 1156089 - 40 Name..... : ██████████
VIN..... : 4F2CU09171K ██████████ Closed date.. : 11/15/07
Handled by..... : CRPP233 Date Modified: 11/15/07
Notify QA..... : District..... : 01
Rgn F-up Dt..... : Corp F-up Dt. :
Action Taken:

Date By Whom Text

TOP

10/08/07 CRPP233 REQ DESC: ABS & BRAKE LIGHT ON
LEFT MESSAGE IN SVC DEPT REQ A CALL.
TT JOHN IN SVC DEPT WHO STD DIAGNOSTIC FEE THROWN OUT IF CON
CERN IS RELATED TO PRIOR ABS MODULE RECALL.
TOLD CUST DLR WOULD HAVE TO BE ABLE TO DETERMINE IF DAMAGE R
ELATED TO RECALL REPAIR WHICH IS WHY THEY ARE CHARGING DIAG
FEE. TOLD CUST I'D HAVE TO CALL DLR. & CALL HIM BACK.
RELATED INFO FROM JOHN IN SVC DEPT TO CUST. ADVD HE TAKE VEH
MORE...

SVCD00011 Function Completed

F3=EXIT F5=RFH F6=OPN F7=BKD F8=FRD 10=CLS 11=SNT 12=RETN 19=TOP 20=BOT

S1017M1
P444

CUSTOMER FOLLOW-UP INQUIRY

06/30/09 20:16:55
MCJP089

Rqst No..... : 1156089 - 40 Name..... : ██████████
VIN..... : 4F2CU09171K ██████████ Closed date.. : 11/15/07
Handled by..... : CRPP233 Date Modified: 11/15/07
Notify QA..... : District..... : 01
Rgn F-up Dt..... : Corp F-up Dt. :
Action Taken:

Date By Whom Text

MORE...

11/14/07 CRPP233 LEFT V/M FOR CUST REQ HE RETURN MY CALL AS I WANTED TO KNOW
WHAT HE'D DONE ABOUT REPAIR.
11/15/07 CRPP233 CUSTOMER HAS NOT CONTACTED AGENT. NO FURTHER ACTION TAKEN
CUSTOMER HAS NOT CONTACTED AGENT. NO FURTHER ACTION TAKEN

BOTTOM

F3=EXIT F5=RFH F6=OPN F7=BKD F8=FRD 10=CLS 11=SNT 12=RETN 19=TOP 20=BOT

S1018M1

CUSTOMER CLOSING INQUIRY

06/30/09 20:17:17

P444

MCJP089

Rqst No.... : 1156089 - 40

Name..... : ██████████

VIN..... : 4F2CU09171K ██████████

Rslv Dir..... : ██████████ ██████████ BEACH MA

Closed By.. : CRPP233

Closed Date... : 11/15/07

Satis Code. : Y

Re-open Date... : Re-open.... :

Dir Contact:

Cust Contact Dt:

D:

L:

R:

:

:

M: CUSTOMER HAS NOT CONTACTED AGENT. NO FURTHER ACTION TAKEN

M:

A:

:

:

:

Ref Nbr: Lgl: Arb: R/T0 Log Nbr: Lock Contact: N

Micro-Film Cassette Number: Frame Nbr... :

SVCD00011 Function Completed

PF3=EXIT PF5=RFSH PF6=OPN PF9=FLP PF11=SNT PF12=RETN

S1016M1 OPEN CUSTOMER CONTACT INQUIRY 06/30/09 20:53:55
P444 MCJP089

Rqst No. : 1158479 - 60 Source: 6 VIN.....: 4F2CU09102K [REDACTED] Goodwill.: N
Mdl/Yr.. : TRB / 02 Mileage: Dlvry Dt: 04/11/02 Trnsm: A Srv Agrmt:
Last Nm. : [REDACTED] First Nm: [REDACTED] R/TO.....:
Midl Nm. : J Address1: [REDACTED]
Adr2: City....: BURBANK
State...: CA Zip: [REDACTED] Day Ph. : - - Ext. :
Eve Ph. : - - Brand. : Y DSA...: Y Assigned Rgn: PA R/A: Y
Resp Dir: 42031 STAR MAZDA Rslv Dir: 41943 MAZDA OF THOUSAND OAK

E-mail:

1) Typ: 1 Rea: 1B Cat: S CC: 97 2) Typ: Rea: Cat: CC:
3) Typ: Rea: Cat: CC: 4) Typ: Rea: Cat: CC:

ON 11/5/07 RCVD SUBROGATION LTR FROM UNITRIN DIRECT AUTO INSURANCE. STS VEH WA
S INVOLVED IN A FIRE LOSS AS A RESULT OF A POSSIBLE ELECTRICAL FIRE. CUSTOMER
MEDIATION HANDLING: MARIE MORTENSEN

Region: MA Opened by: CRPC399 Opened Dt: 11/05/07 Closed Dt: 03/27/08

SVCD00011 Function Completed

PF3=EXIT PF5=RFH PF6=ZIP PF9=FLP PF10=CLS PF11=SNT PF12=RETN PF15=360

S1017M1
P444

CUSTOMER FOLLOW-UP INQUIRY

06/30/09 20:54:21
MCJP089

Rqst No..... : 1158479 - 60 Name..... : ██████████
VIN..... : 4F2CU09102K ████████ Closed date.. : 03/27/08
Handled by..... : CRPP939 Date Modified: 03/27/08
Notify QA..... : District..... : 03
Rgn F-up Dt..... : Corp F-up Dt. :
Action Taken:

Date By Whom Text

11/05/07 CRPP939 REQ DESC: SUBROGATION - FIRE
03/27/08 CRPP939 HAVE NOT HEARD FROM COMPANY.

TOP

BOTTOM

SVCD00011 Function Completed

F3=EXIT F5=RFH F6=OPN F7=BKD F8=FRD 10=CLS 11=SNT 12=RETN 19=TOP 20=BOT

RQ09-002

MAZDA

7-2-2009

Appendix 6

Appendix 6

Search Criteria

All warranty claims where the concern code is 85: BURNT/SMOKE, and the base part number of main cause is described below.

437A0: ABS HYDRAULIC UNIT
6765X / 67650: ABS Control Unit
67010: FRONT WIRING HARNESS ASSY
67069 / 67SH0: SHORT HARNESS (PIG TAIL) REPAIR KIT

RQ09-002

MAZDA

7-2-2009

Appendix 7



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

DATE: April 2007

SUBJECT: 2001-2004 Mazda Tribute Anti-Lock Brake System Voluntary Safety Recall 4507C

Mazda Motor Corporation has decided to conduct a Voluntary Safety Recall on certain 2001-2004 Mazda Tribute vehicles equipped with Anti-Lock Brake System (ABS) and produced from April 17, 2000 through December 19, 2003.

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

The purpose of this campaign is to verify that no corrosion exists in the ABS module connector. In addition, the ABS wiring harness connector must be inspected for missing or dislodged wire seals. It is anticipated that approximately 97% the affected vehicles will pass these inspections.

Owners of affected vehicles will be notified by first class mail beginning May 9, 2007.

This package contains important information about Voluntary Safety Recall **4507C**:

Attachment I	Dealer Service and Parts information
Attachment II	Repair procedures
Attachment III	Parts ordering instructions
Attachment IV	Owner notification 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 enclosed report of registered owners in the dealer's area 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.

In California, privacy laws prevent the release of names and addresses on this report.

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 2.

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,

Susumu Niinai
Director, Technical Services
Mazda North American Operations

CONDITION OF CONCERN

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

Note: The asterisk symbol “*” can be any letter or number.

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail beginning **May 9, 2007**.

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Electrical Contact Grease (e.g. Dielectric Grease)	Obtain Locally		One 3-oz tube will service at least 8 vehicles
ABS Module	ECY2-67-65X	1	
Service Pigtail Kit	ZZC0-67-069	1	
Campaign Label	9999-95-065A-05	1=50 labels	Mstore (no charge)

PARTS ORDERING

The ABS Module and Service Pigtail Kit will be restricted from dealer-ordering. Please refer to Attachment III for Parts Ordering instructions for these parts.

Campaign labels are available in quantities of 50 per package by ordering through MStore.

SPECIAL SERVICE TOOL

Crimping Tool	AKS65030	1 Kit	Includes spare connectors
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An initial shipment of a Crimping Tool and a set of splice connectors will be shipped to dealers directly from the vendor beginning 5/15/07. All dealers should expect to receive the special service tool kit no later 5/30/07.

Additional Crimping Tool kits can be ordered through M-Store for an additional cost. They cannot be ordered on the eMDCS Parts Ordering System. These parts are not inventoried at the PDC.

WARRANTY CLAIM PROCESSING INFORMATION

	Repair Procedure A Mat Cover #054 only Passed Inspection, Apply electrical grease	Repair Procedure D Mat Cover #054 only Inspect, Reseat seals, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705A	J0705B
Part Number Main Cause	5555-07-013A	5555-07-013A
Part Quantity	0	0
Labor Operation Number	YY472XR1	YY472XR2
Labor Hours	0.3	0.3

	Repair Procedure C Inspect, Install Pigtail, Apply electrical grease	Repair Procedure B Inspect, Install Pigtail, Replace ABS module, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705C	J0705D
Part Number Main Cause	ZZC0-67-069	ECY2-67-65X
Part Quantity	1	1
Labor Operation Number	YY473XR1	YY473XR2
Labor Hours	1.4	1.7

RENTAL CAR

A rental car may be provided to the customer if eligible based on the terms and conditions of the Rental Car Reimbursement Program, Policy 12.0. Rental car reimbursements are available only on vehicles within the mileage and time limitations under the New Vehicle Limited Warranty*. If the customer was placed in a rental car while the campaign was being completed, submit a separate **claim/problem** using the standard rental claim information.

* Note: 2001 and 2002 vehicles are no longer within the time limitations. Some 2003 and 2004 models may still be eligible depending on original retail date and mileage.

Warranty Type Code	A
Symptom Code	99
Damage Code	99
Part Number Main Cause	5555-RE-NTAL
Part Quantity	0
Labor Operation Code	MM012XRX
Labor Hours	0.0
Sublet – Rental Car	
Sublet Invoice Number	Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code	Enter "L"
Sublet Amount	Up to \$30.00/day for the # of days customer had rental car

Rental expenses exceeding the two-day limit will require prior DCSM Authorization, as outlined in the Rental Car Reimbursement Program policy.

VERIFY THE VEHICLE NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

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

If vehicle is not within the above range, return it to inventory or the customer.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for an Authorized Campaign Label RECALL **4507C** attached to the vehicle’s bulkhead.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 4507C	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 4507C CLOSED	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply to vehicle's bulkhead
RECALL 4507C 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 PROCEDURES

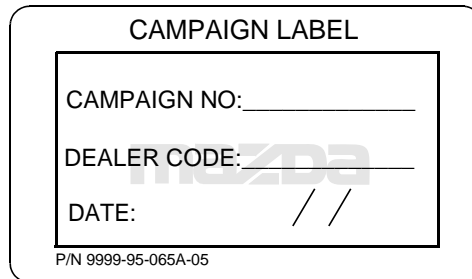
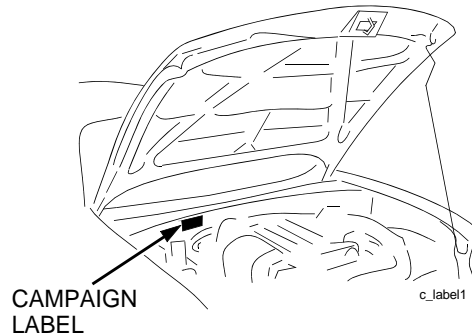
Please refer to Attachment II.

2001-2004 TRIBUTE - ABS MODULE ELECTRICAL CONNECTOR [RECALL 4507C]

A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within one of the following ranges:
 - 2001 - 2004 Tribute vehicles equipped with ABS built from April 17, 2000 through December 19, 2003
 VIN Range: 4F2*U** 1* 1K M00199 - M72183
 VIN Range: 4F2*U** 1* 2K M00002 - M66656
 VIN Range: 4F2*Z** 1* 3K M00001 - M56581
 VIN Range: 4F2*Z** 1* 4K M00004 - M34822
 - 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 Campaign Label **Recall 4507C** attached to the vehicle's bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Be sure to verify Recall number as the vehicle may have multiple Recall labels.



1326b

eMDCS System - Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
Recall 4507C OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. INSPECTION".
Recall 4507C CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a campaign label and apply it to vehicle's bulkhead.
Recall 4507C is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

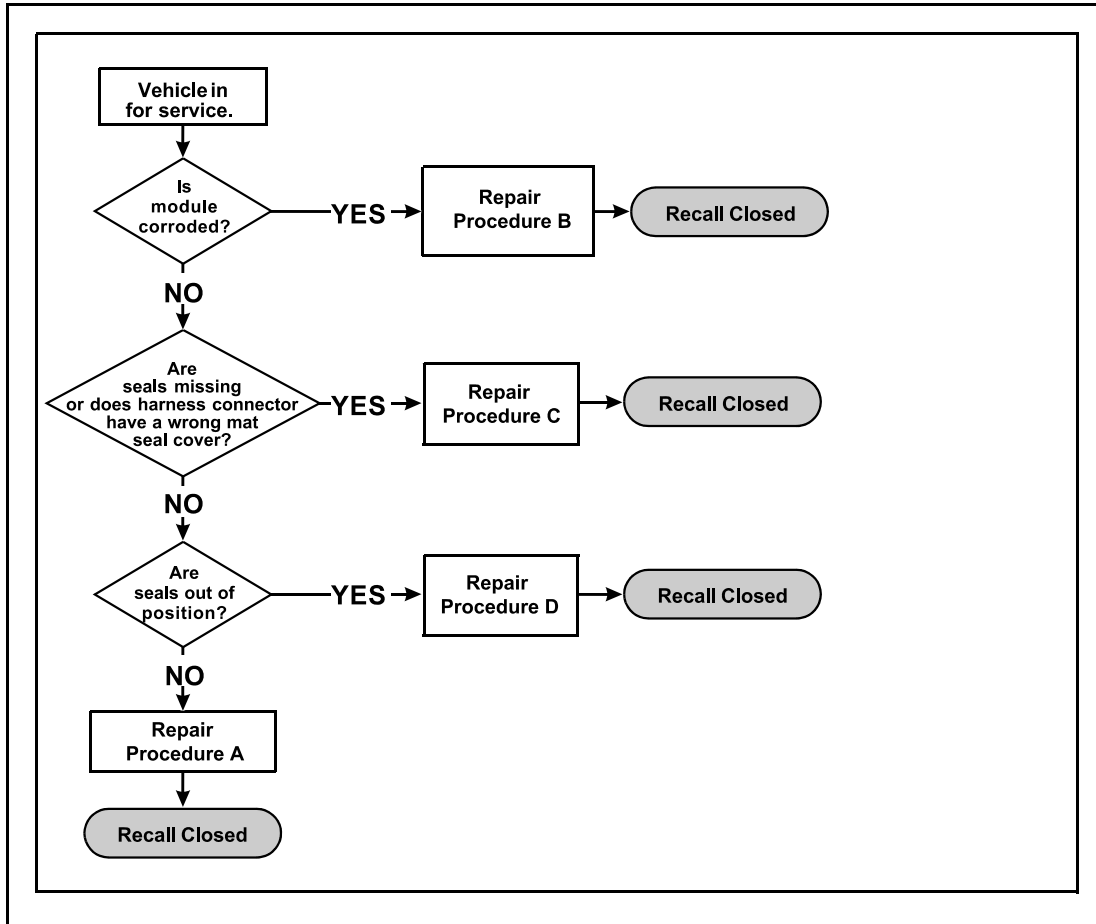
ABS MODULE CONNECTOR INSPECTION AND REPAIR OVERVIEW

This program includes making sure the wiring harness connector is properly sealed against moisture/contamination, and inspecting the ABS module for evidence of corrosion resulting from an inadequately sealed connector.

During the inspection, we expect that most of the affected vehicles will not have any evidence of corrosion in the ABS module. However, the ABS wiring harness connector still needs to be inspected for missing or improperly seated seals and/or incorrect connector number.

If the ABS module is corroded, the ABS module and connector must be replaced.

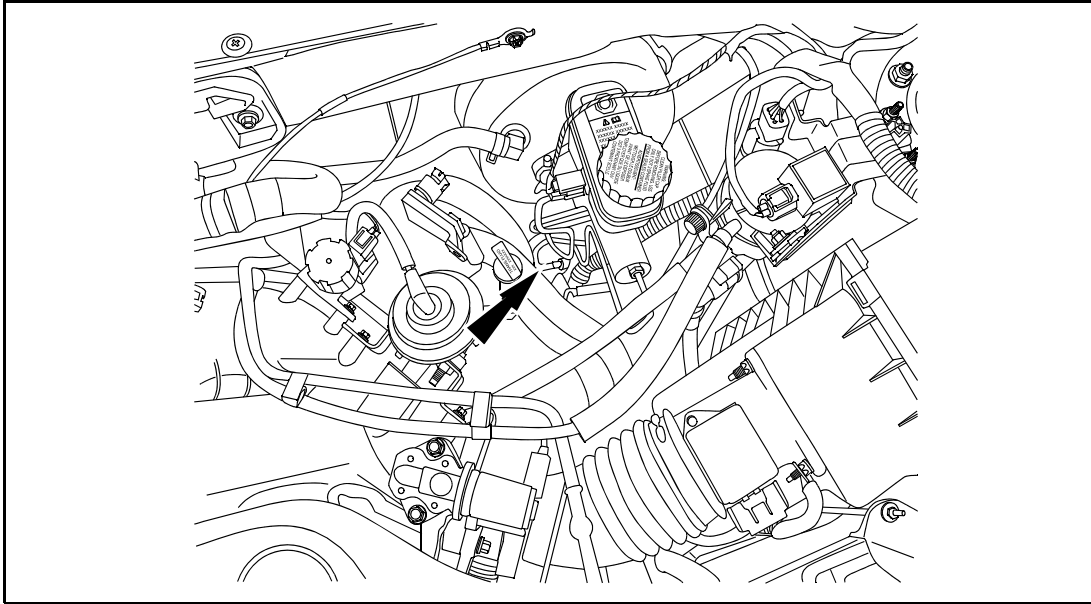
A flow chart has been developed to help direct you to the proper repair.



4507Cu

B. INSPECTION

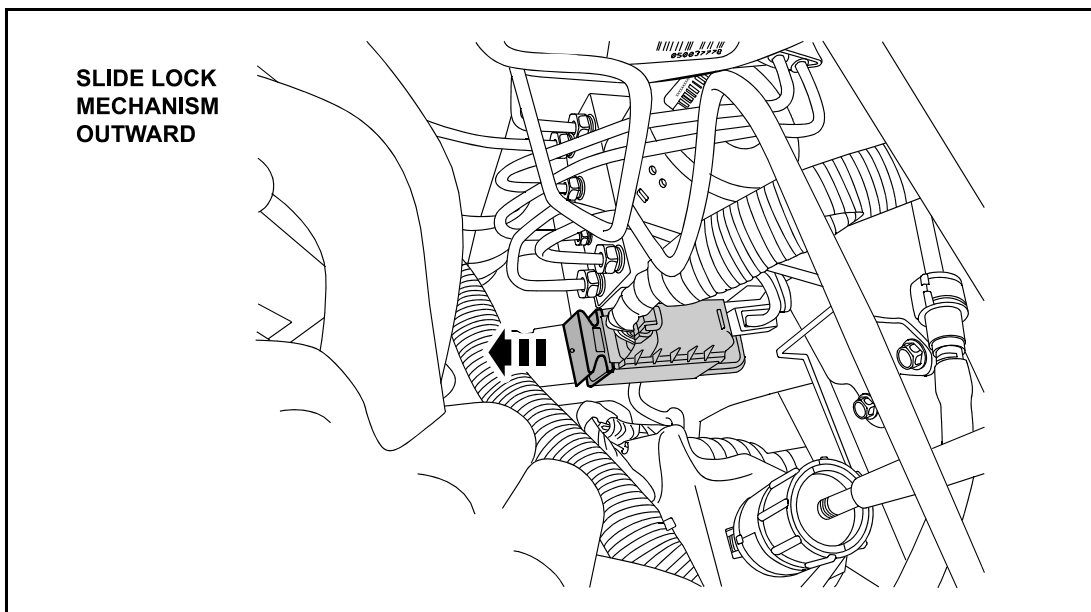
1. Record customer's pre-set radio stations.
2. Disconnect negative battery cable.
3. Locate ABS module connector under brake master cylinder.



4507Cq

4. Disconnect ABS module 25-pin connector by sliding lock mechanism out (towards passenger side of vehicle) and pulling connector off module.

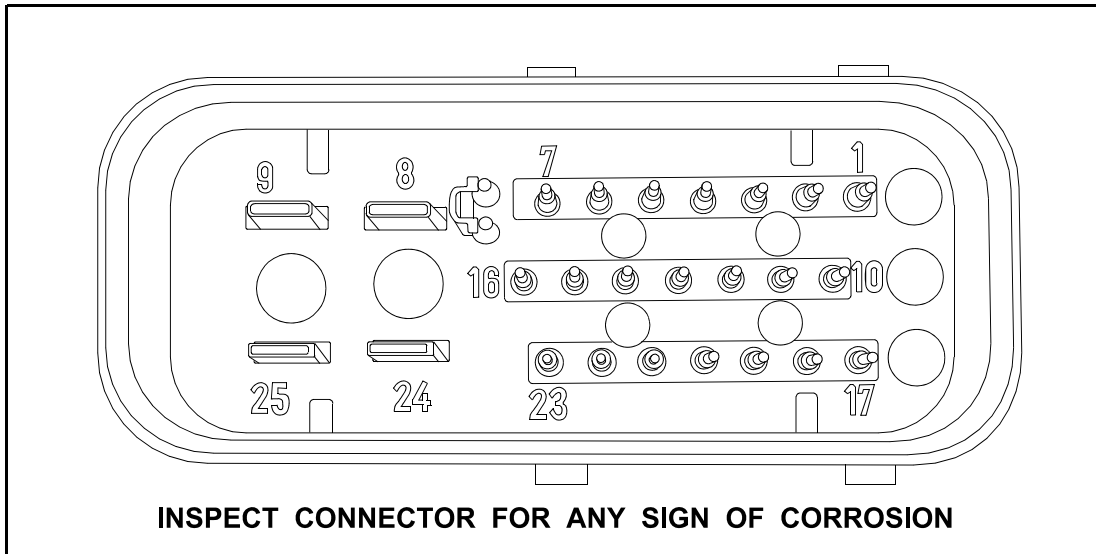
NOTE: When disconnecting the ABS module connector, be sure the blue connector lock stays engaged with the harness connector and does not remain in the module. Remove it from the module if necessary and make sure the white O-ring seal is properly installed.



4507Cr

5. Disconnect the speed sensor harness, then remove the two (2) harness retainers from the studs and position the harness above the air cleaner assembly to provide access for inspection of the connector.

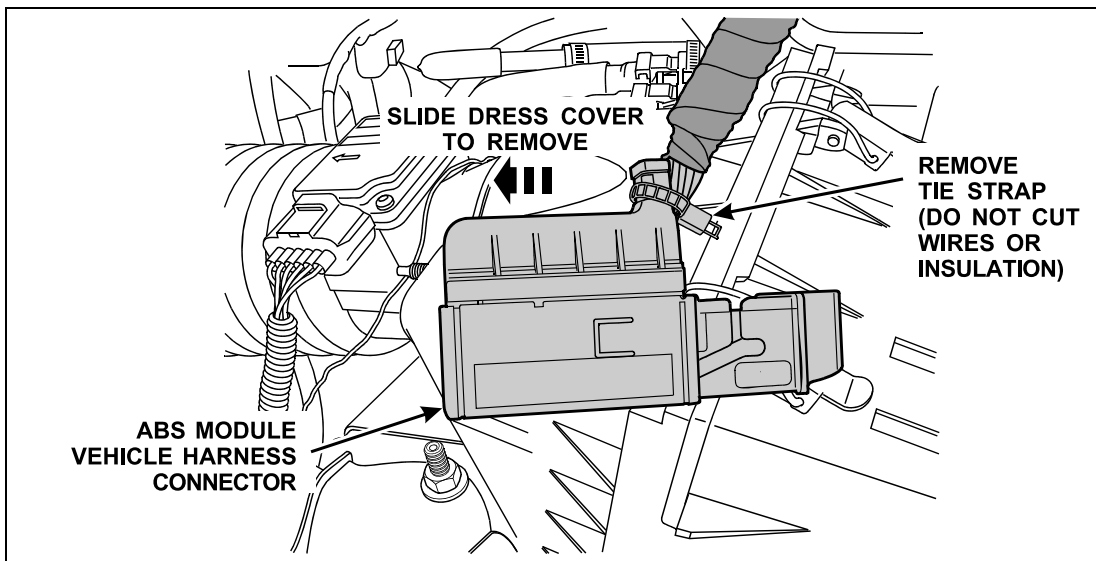
6. Inspect the ABS module connector pins for corrosion.
 - If corrosion is present, proceed to "REPAIR PROCEDURE B".



4507Cv

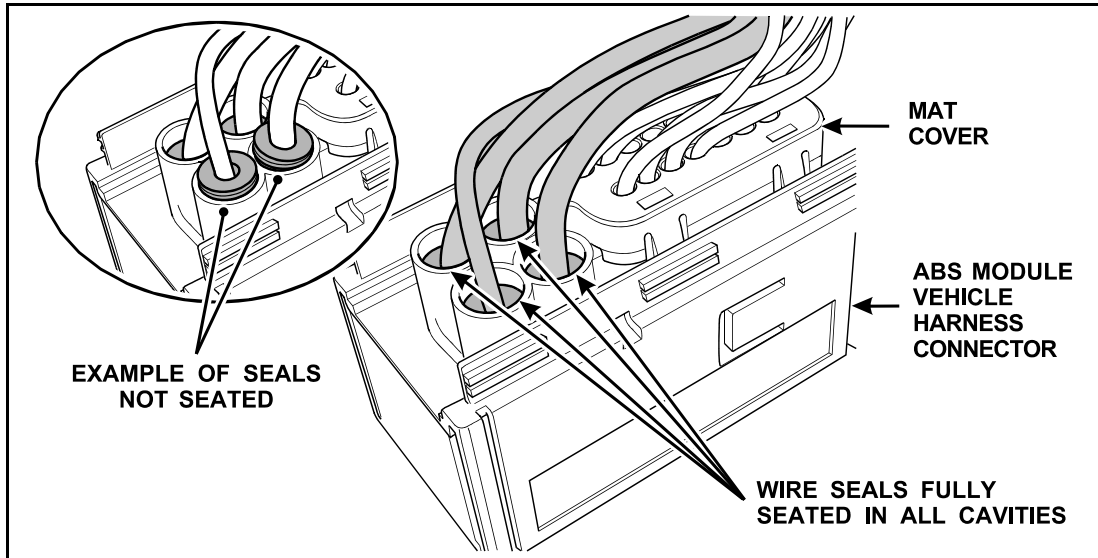
7. Remove the tie strap from the connector dress cover, then slide the cover off the connector.

CAUTION: Do not cut any of the harness wires or the wire insulation when cutting off the tie strap.



4507Cc

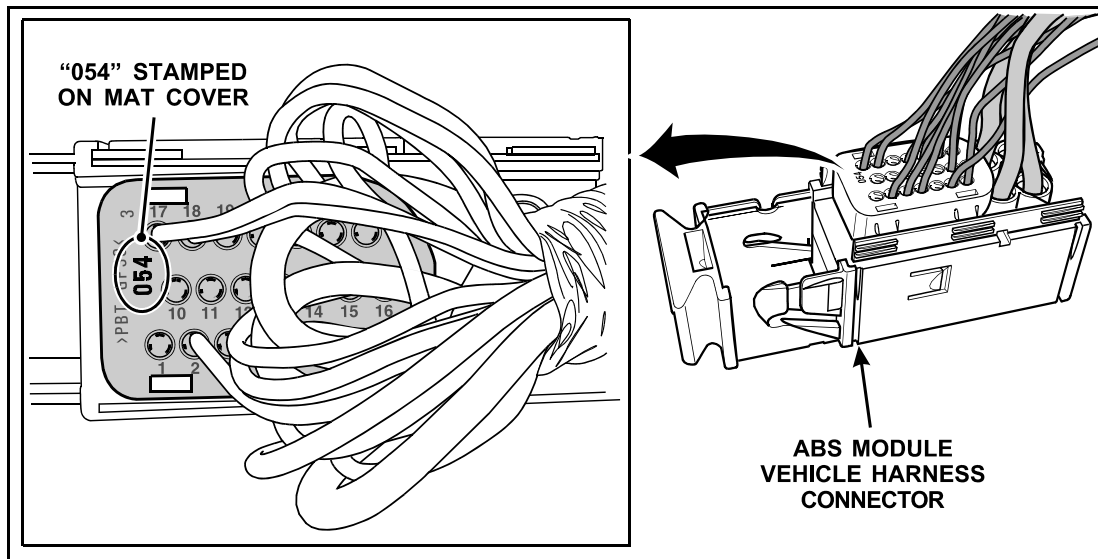
8. Verify the wire seals are present on the four (4) heavier gauge wires.



4507Ce

9. Verify the number “054” is stamped on the slide-lock end of the mat cover (wipe mat cover clean if necessary to view).

NOTE: Mat covers with any other number will be missing plugs in the unused pin locations.



4507Cd

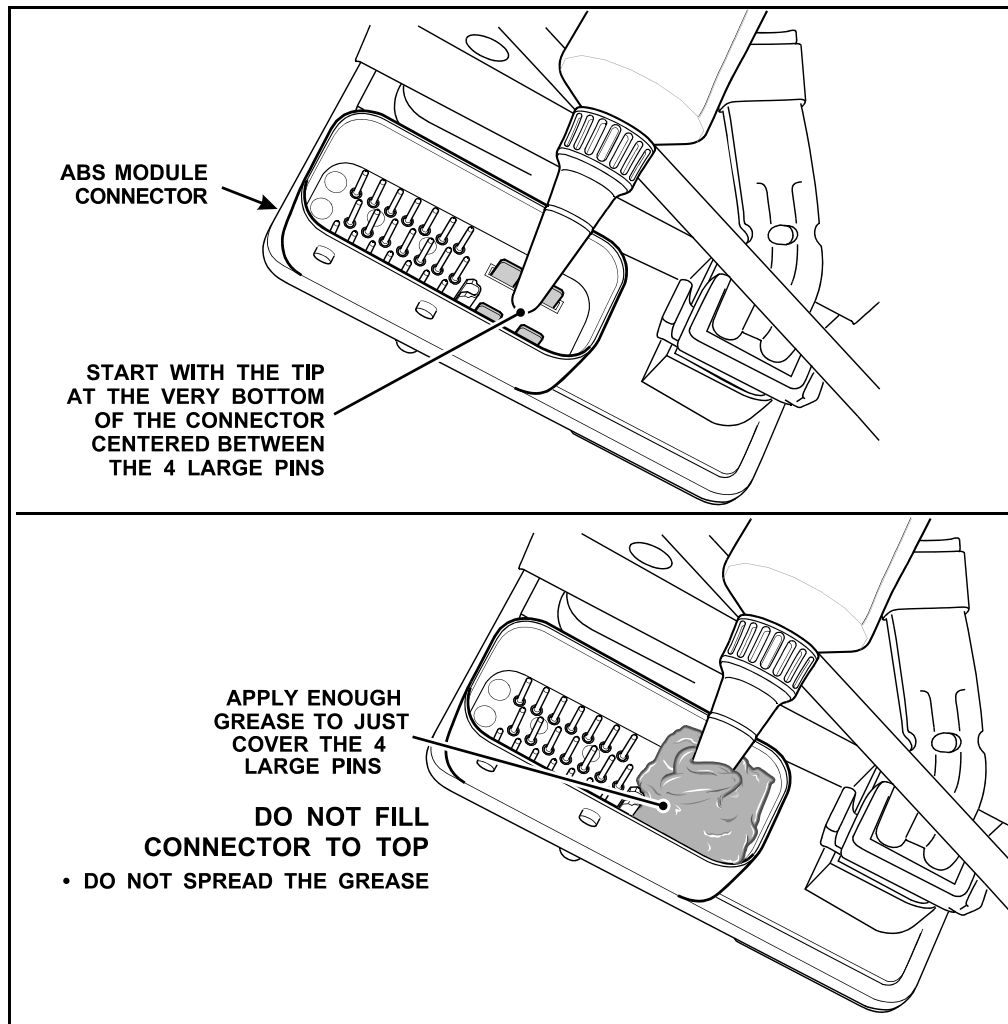
- If the module is not corroded, **AND** all the wire seals are present, **AND** all the wire seals are fully seated, **AND** the number on the mat cover is “054”, proceed to “REPAIR PROCEDURE A”.
- If any of the wire seals are missing, **OR** if the number on the mat cover is not “054”, proceed to “REPAIR PROCEDURE C”.
- Verify all four (4) heavier gauge wire seals are fully seated in the cavities. Each seal should sit approximately 1-2 mm (1/16 in) below the top of the round cavity. If any of the wire seals are not seated properly, proceed to “REPAIR PROCEDURE D”.

REPAIR PROCEDURE A

1. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:

- a) Reinstall dress cover.
- b) Use ONLY dielectric grease.
- With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to just cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a "hydro lock" condition which will not allow the connector to fully seat or lock in place.



4507Ch

2. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
3. Reconnect negative battery cable.

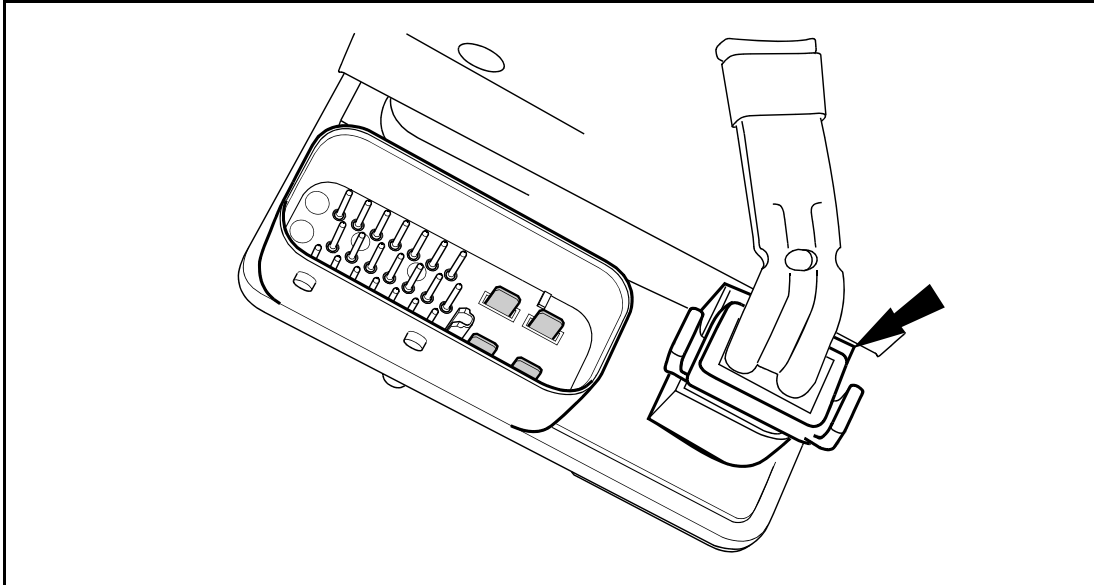
ATTACHMENT II

4. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
5. Re-enter customer's radio pre-set stations and proceed to "C. CAMPAIGN LABEL INSTALLATION".

REPAIR PROCEDURE B**PROCEDURE TO REPLACE ABS MODULE**

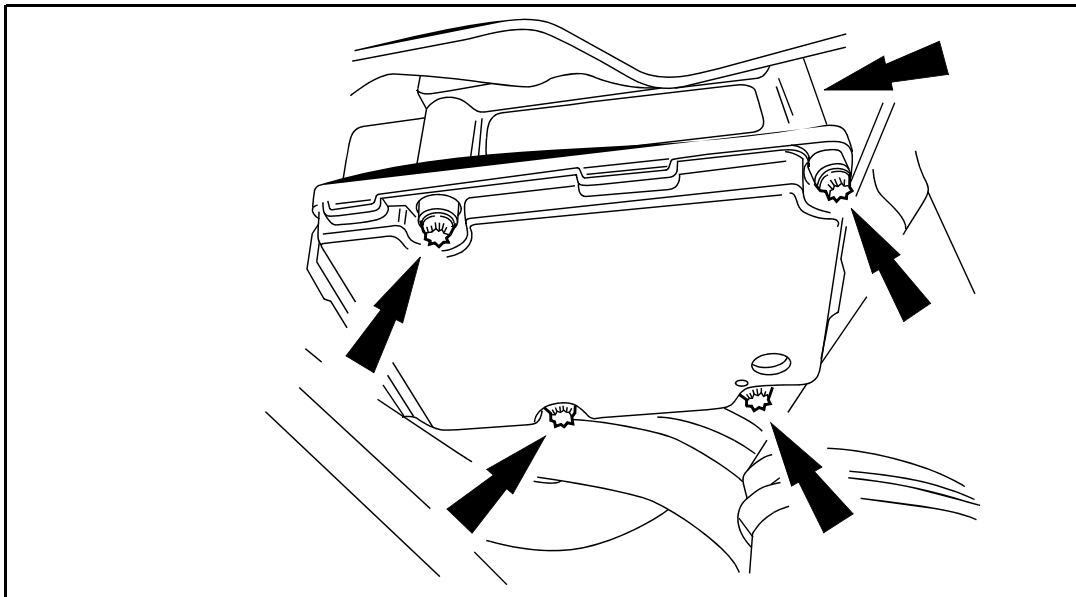
NOTE: Module configuration or reprogramming is not required when installing a new ABS module.

1. Disconnect the 2-wire electrical connector at the ABS module.



4507Cs

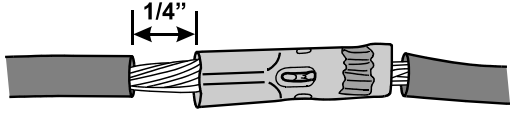

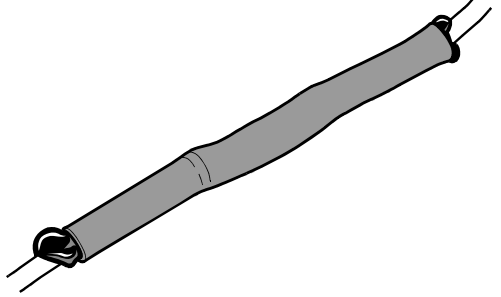
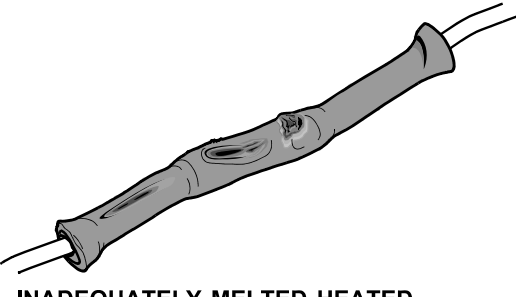
2. Safely raise the vehicle on a hoist, then remove the four (4) ABS module screws and the ABS module.



4507Ct

3. Position the new module and install the bolts.
Tightening torque: No more than 18 in-lbf. (2 Nm)
4. Lower vehicle on hoist and reconnect 2-wire connector to the ABS module.
5. Proceed to "PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR".

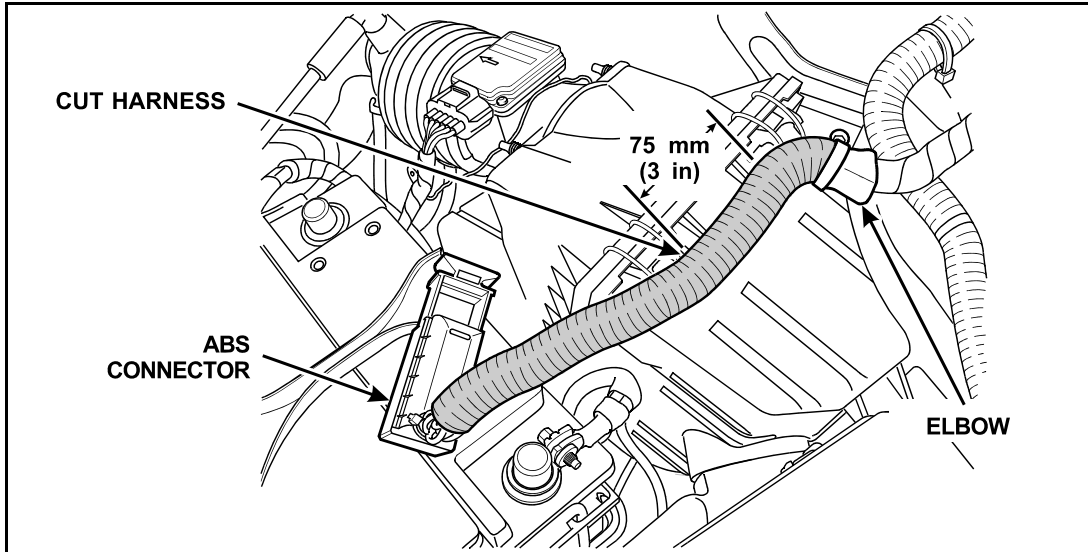
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

 <p>CORRECT CRIMP USING CRIMP TOOL</p> <ul style="list-style-type: none"> • Wires crimped very securely. • No loose or broken wires. • Splice connector intact. 	 <p>INADEQUATE CRIMP USING IMPROPER TOOL</p> <ul style="list-style-type: none"> • Broken splice connector. • Possible loose connection.
 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED HEAT SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507CI

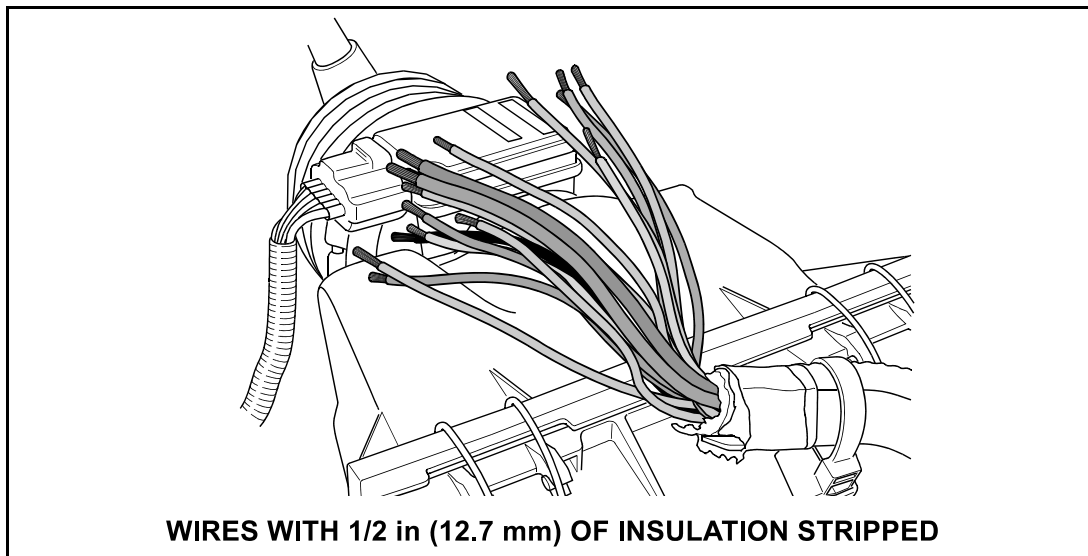
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

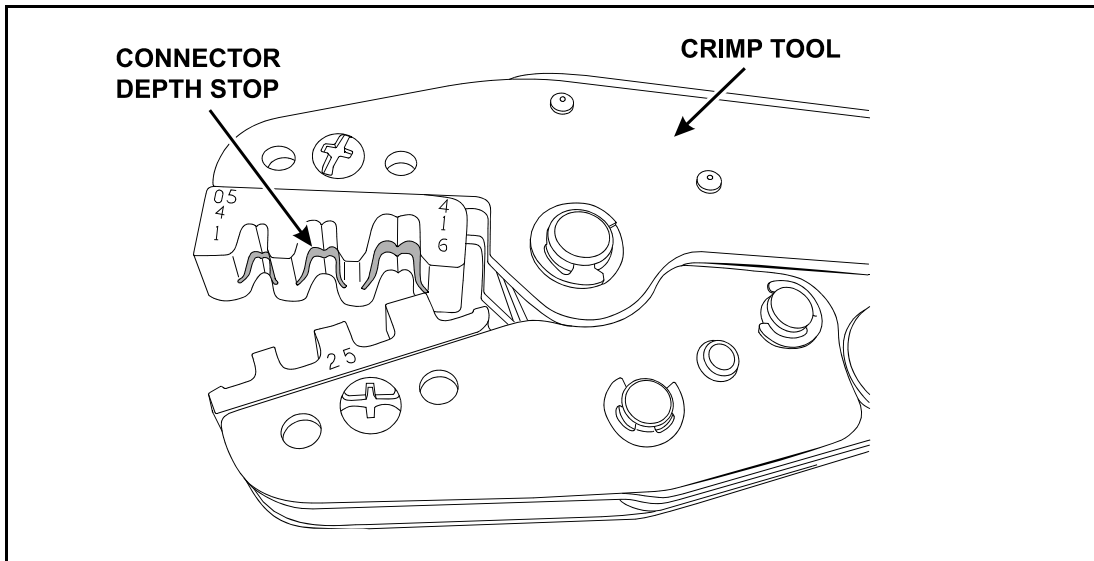
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

NOTE:

- The harness contains two (2) black wires of the same size. Both are grounds (circuit 57). Crossing these wires has no adverse effect on vehicle operation.
- The service pigtail kit contains the connector with wires matching color and size of the original vehicle harness, three (3) different sizes of butt splice connectors for the different wire sizes and a piece of heat shrink tubing to cover each splice.

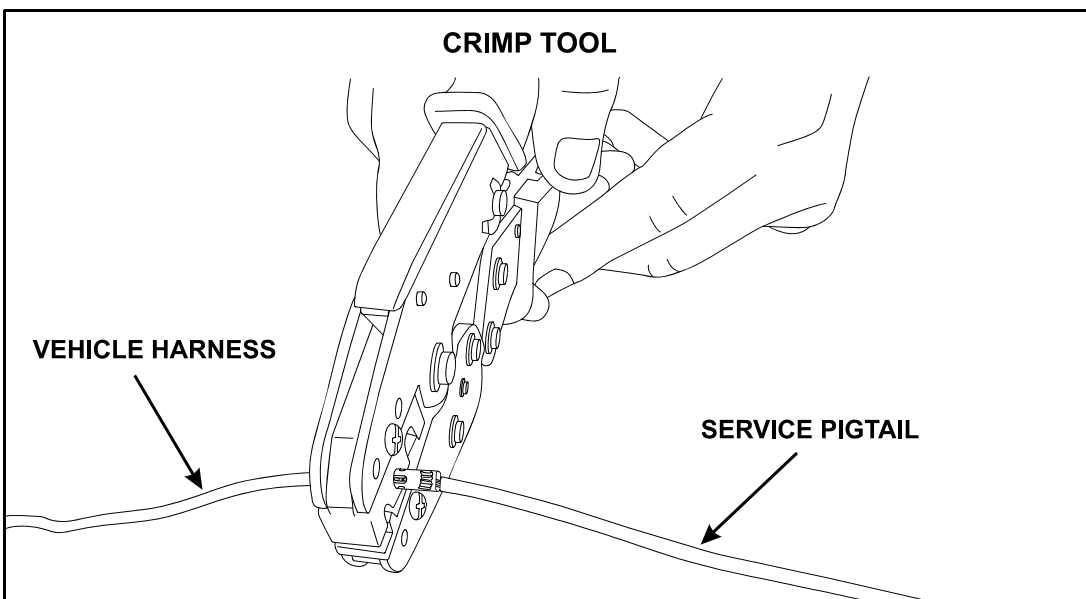
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



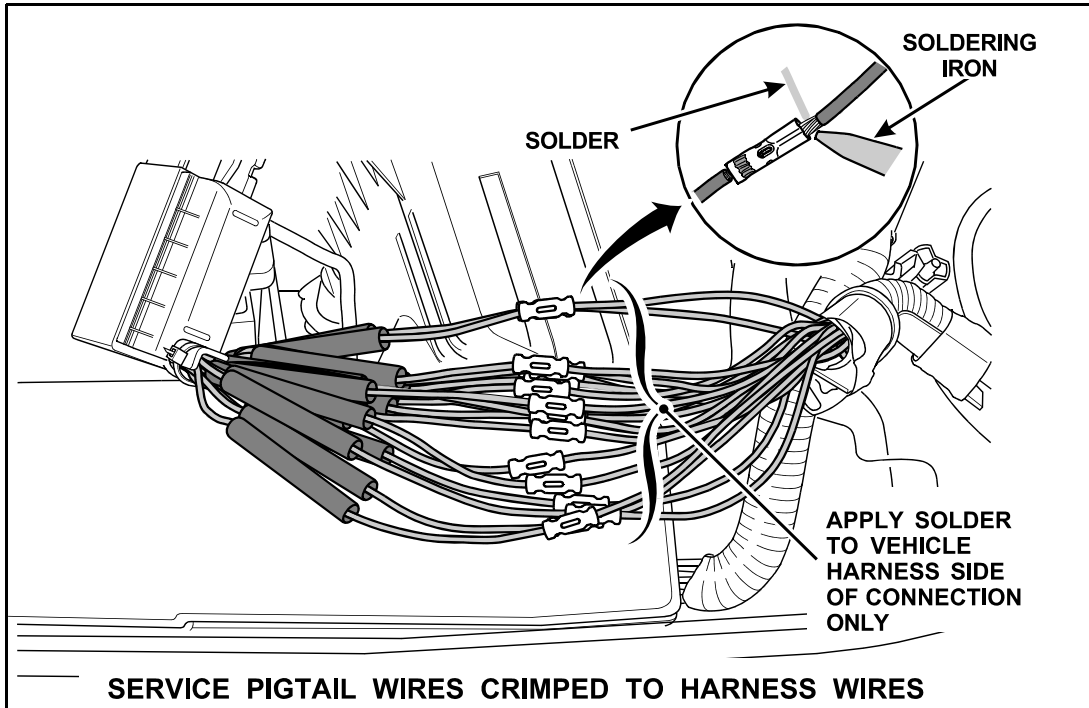
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

- Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

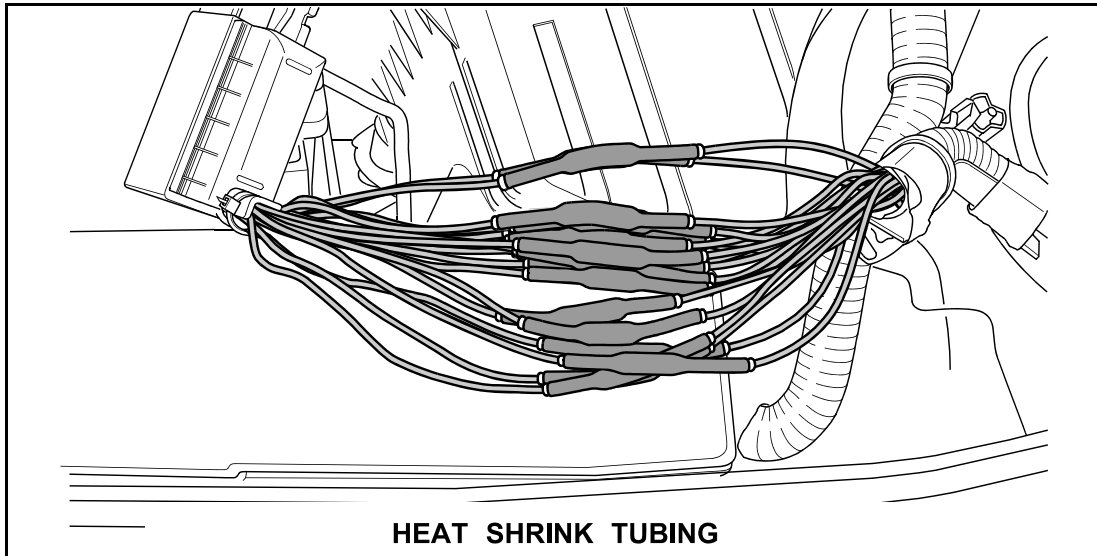


4507CI

- After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

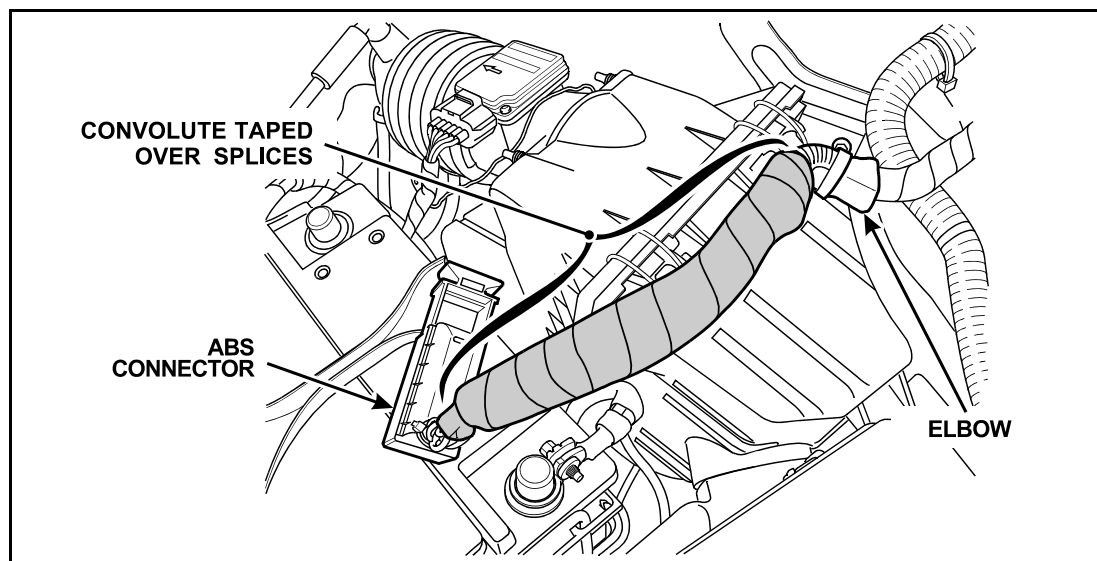
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

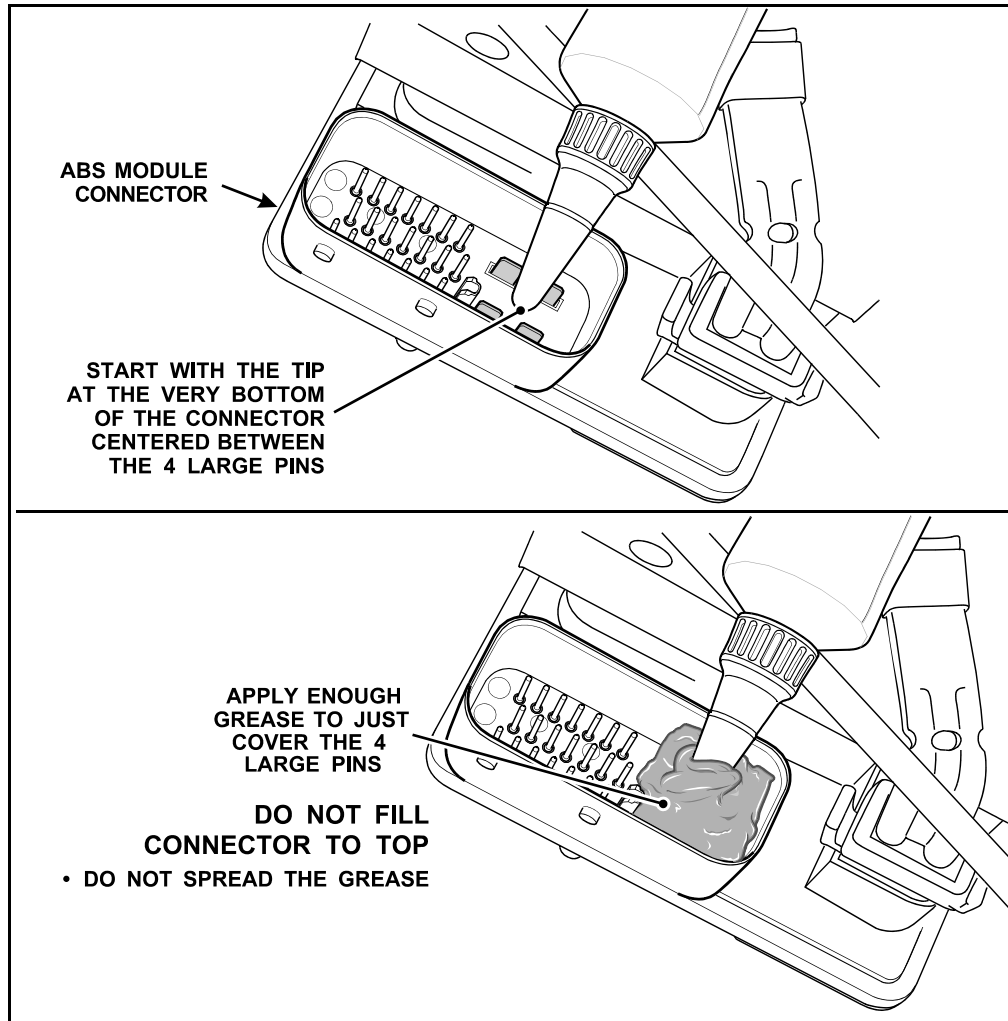
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
- a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.

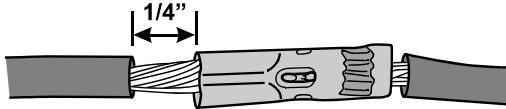

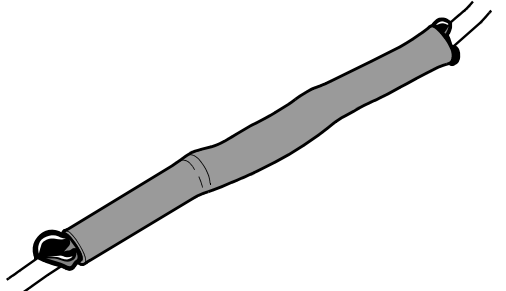
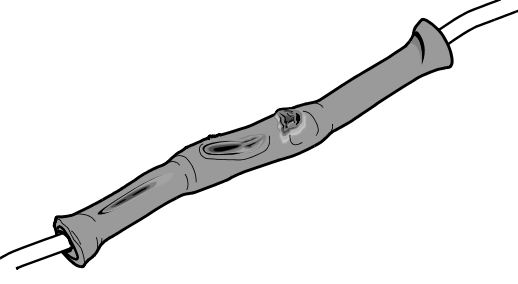


4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE C

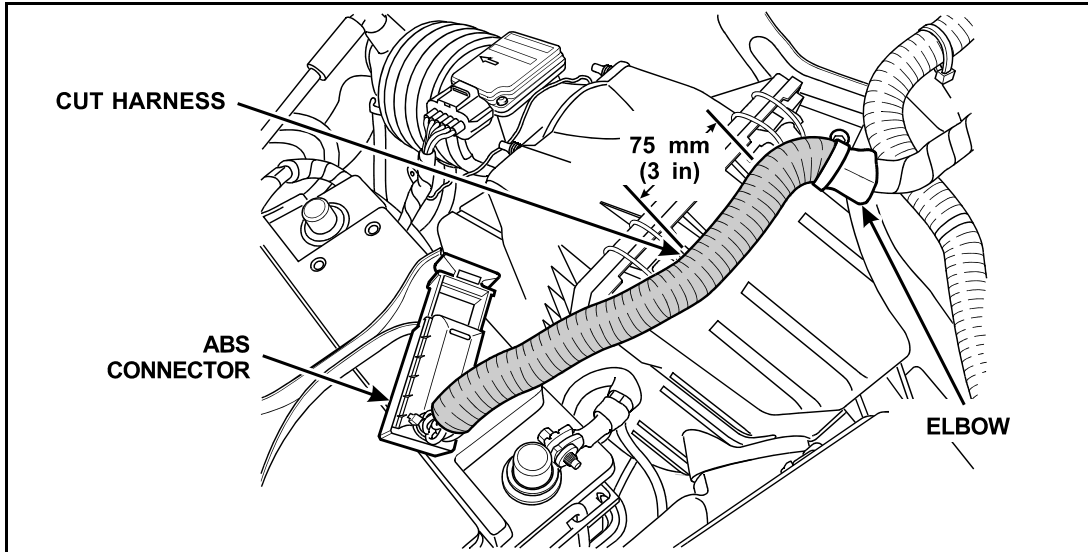
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

 <p>CORRECT CRIMP USING CRIMP TOOL</p> <ul style="list-style-type: none"> • Wires crimped very securely. • No loose or broken wires. • Splice connector intact. 	 <p>INADEQUATE CRIMP USING IMPROPER TOOL</p> <ul style="list-style-type: none"> • Broken splice connector. • Possible loose connection.
 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507Ci

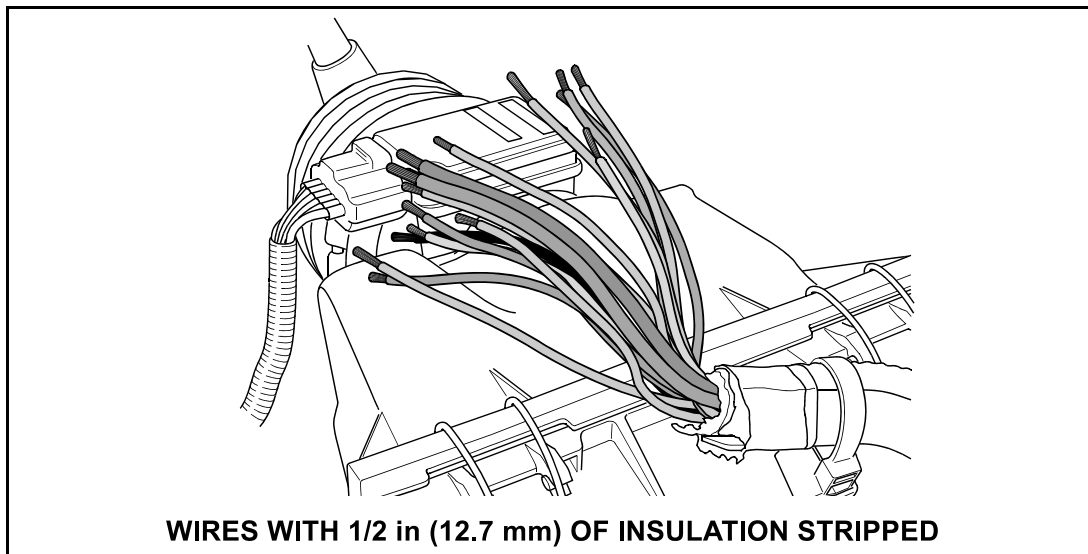
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

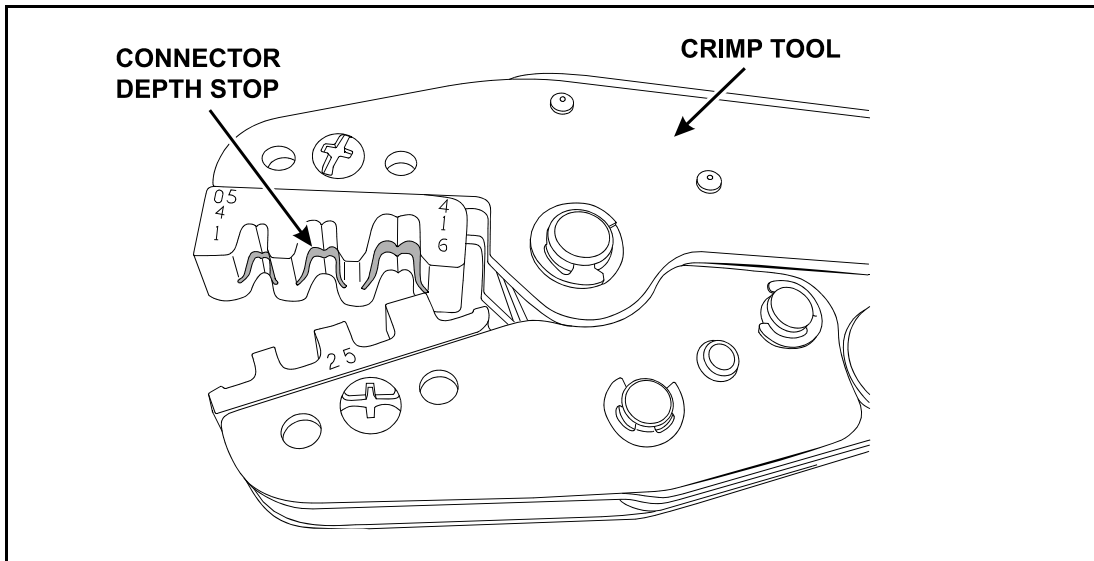
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

NOTE:

- The harness contains two (2) black wires of the same size. Both are grounds (circuit 57). Crossing these wires has no adverse effect on vehicle operation.
- The service pigtail kit contains the connector with wires matching color and size of the original vehicle harness, three (3) different sizes of butt splice connectors for the different wire sizes and a piece of heat shrink tubing to cover each splice.

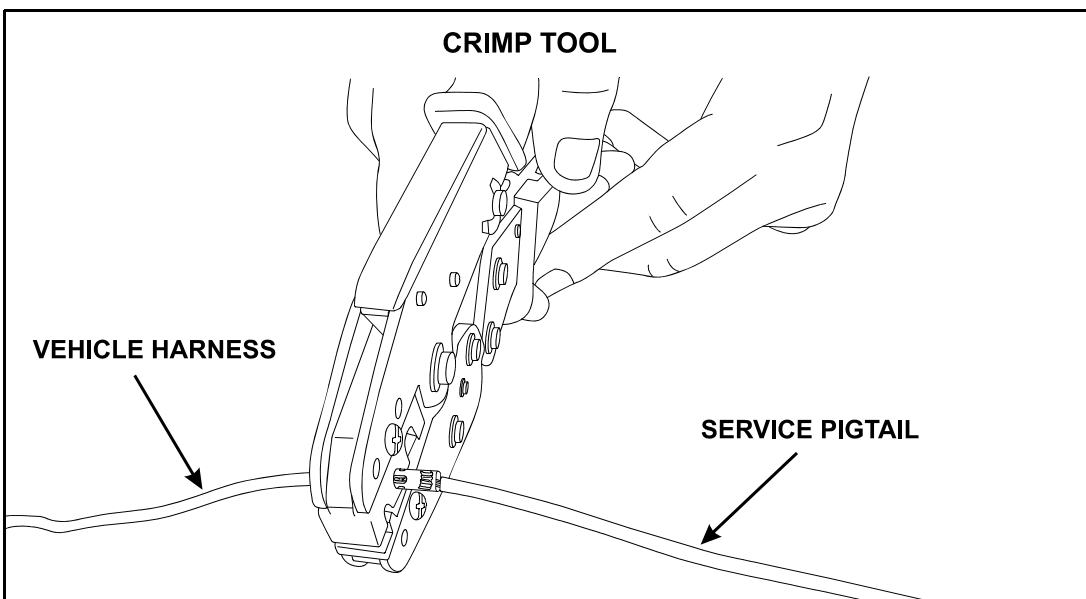
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



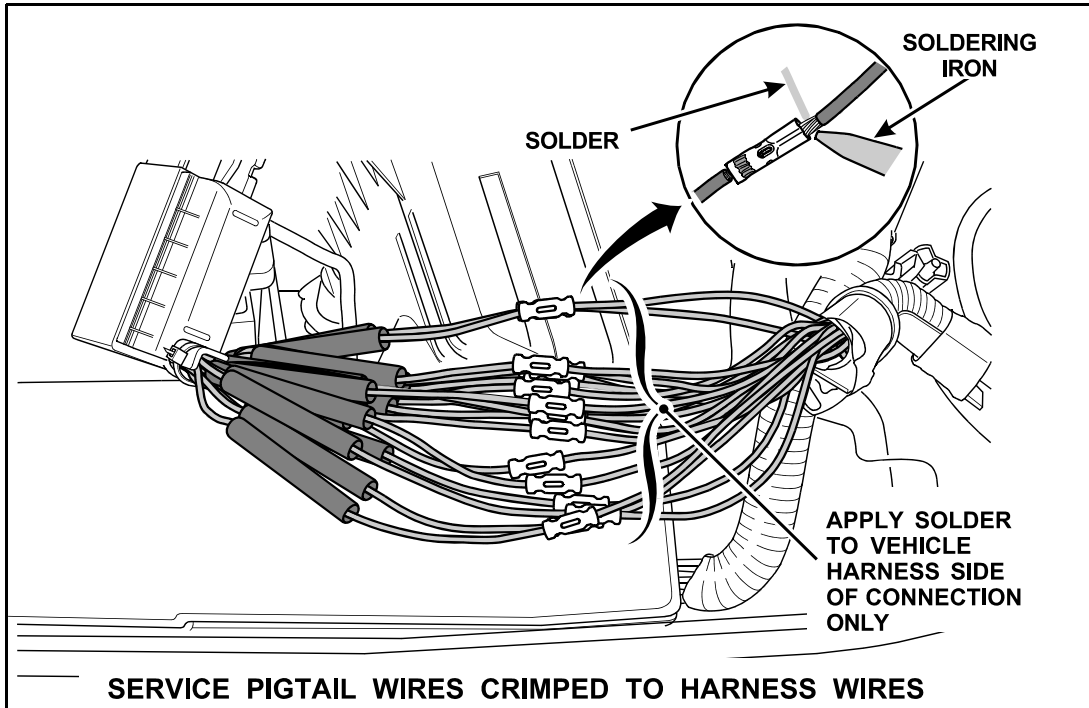
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

- Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

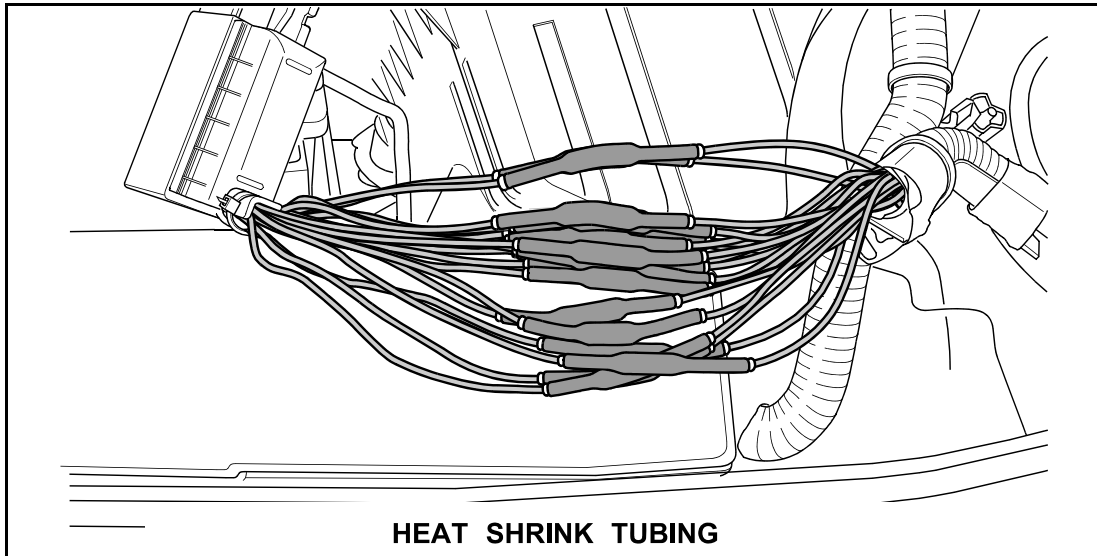


4507CI

- After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

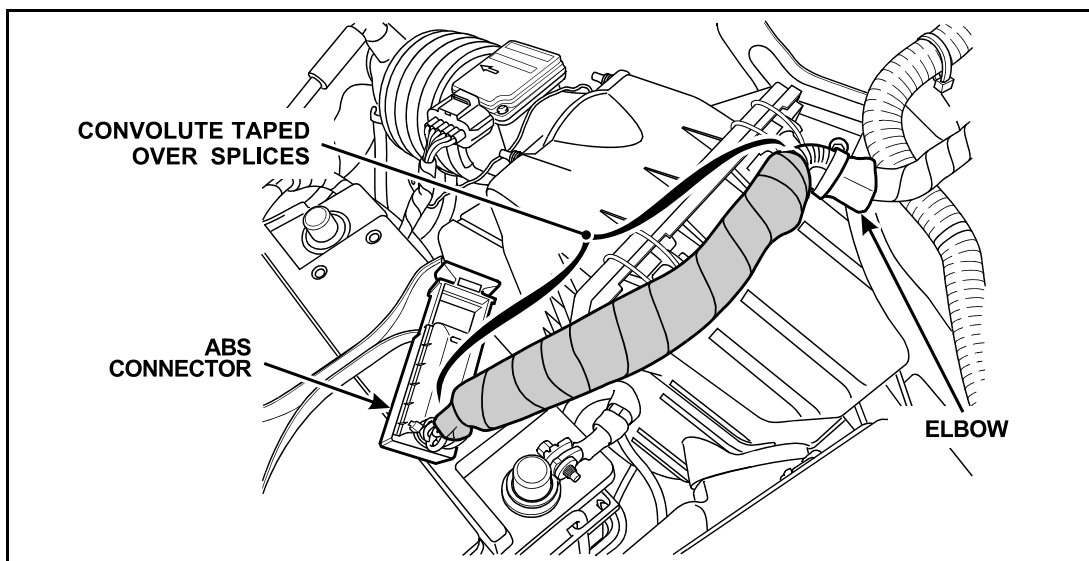
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

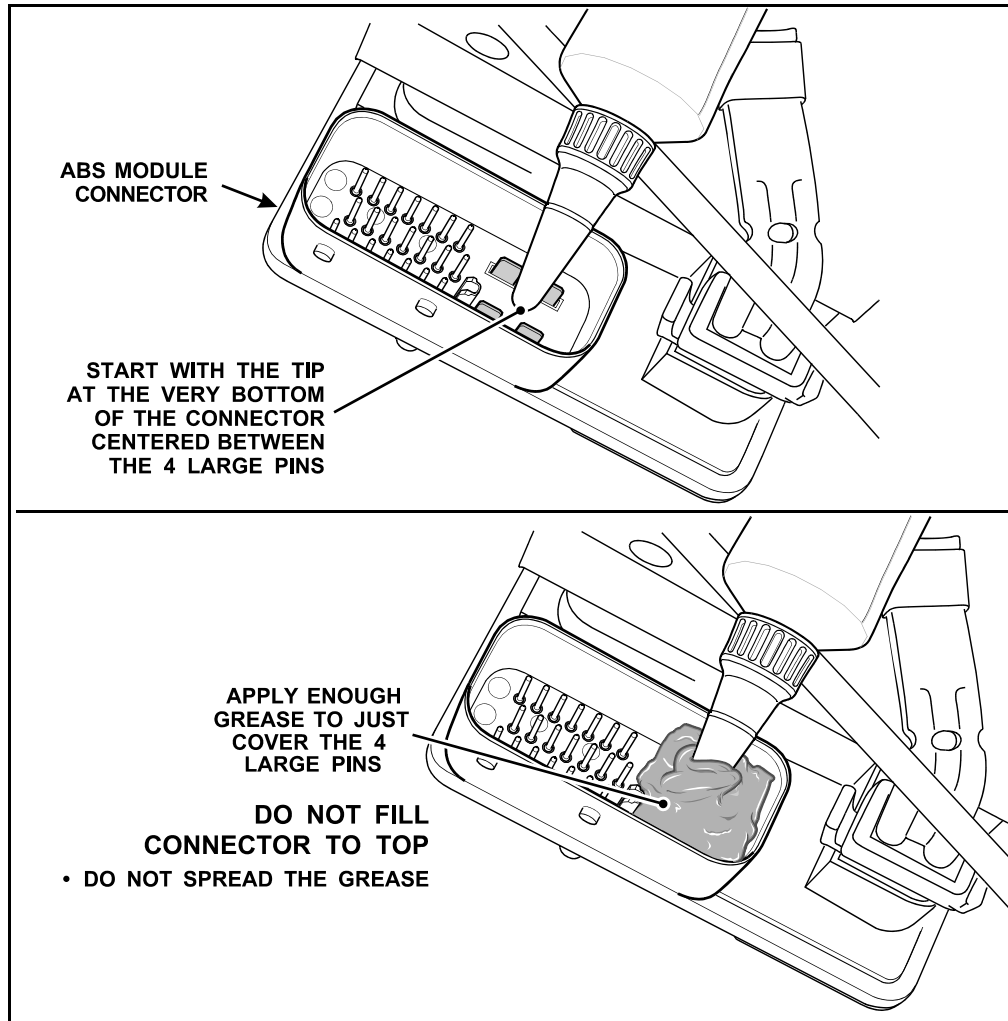
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
- a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



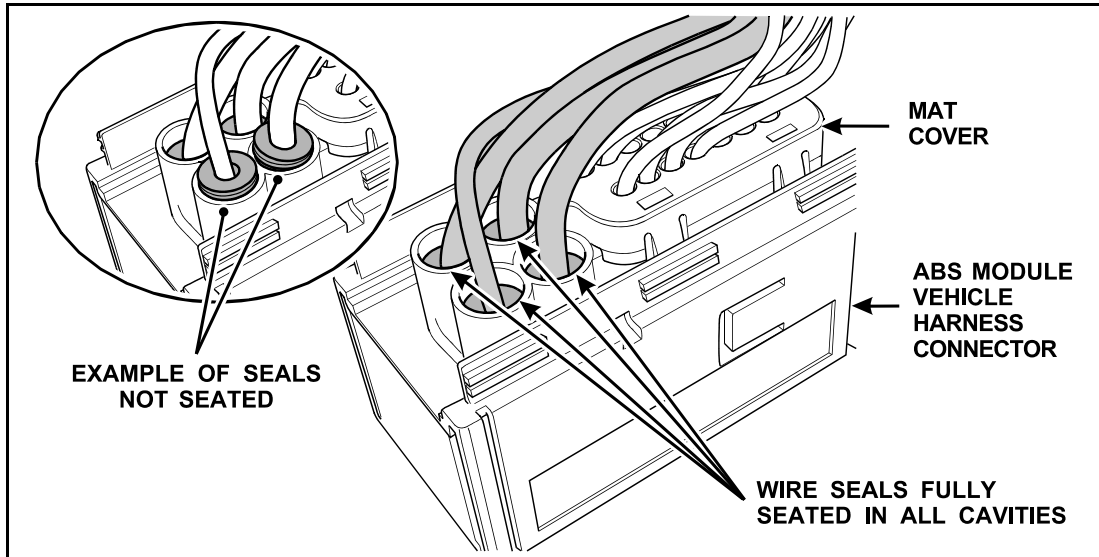
4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE D

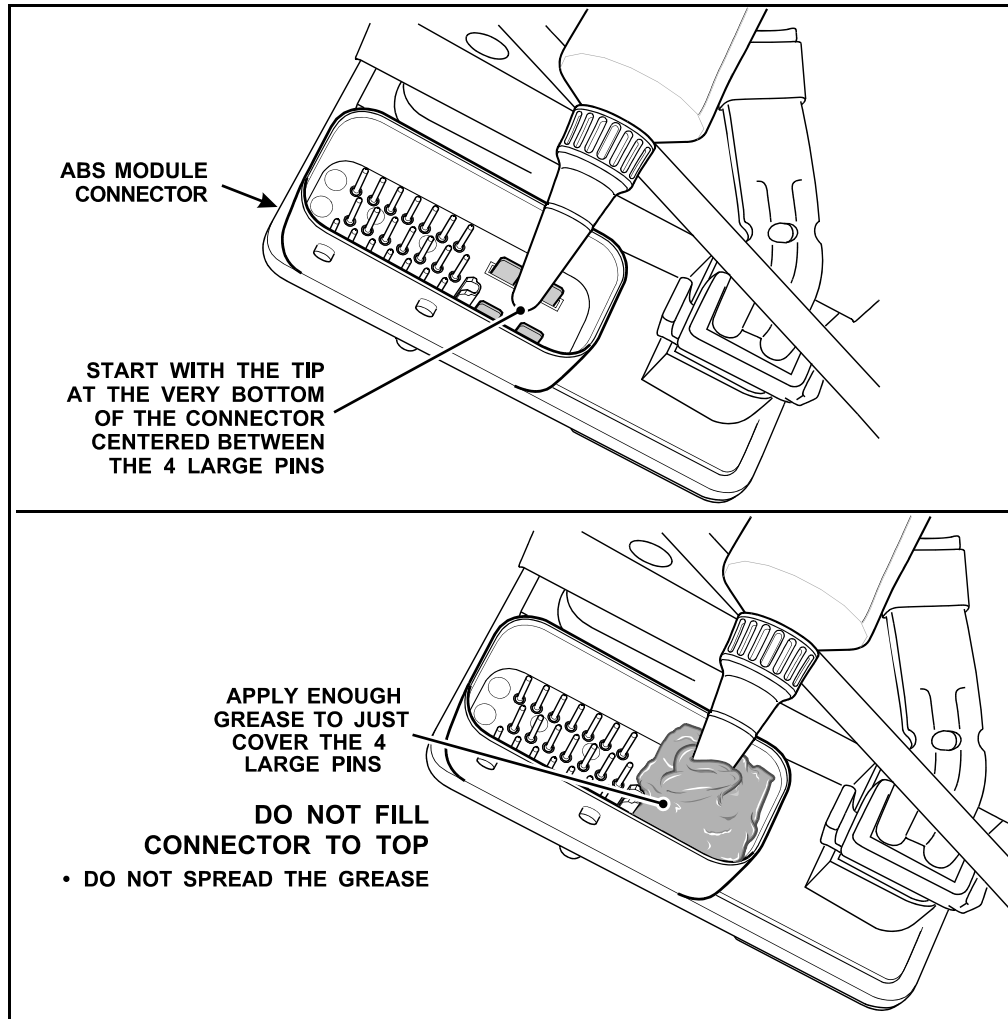
1. If the seals are not fully seated, reseat any seals not fully seated with a blunt tool.

NOTE: DO NOT use anything sharp such as a screwdriver, awl or punch that could penetrate the seal and allow moisture to enter the terminal.



2. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
 - a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



4507Ch

3. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
4. Reconnect negative battery cable.
5. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
6. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

C. CAMPAIGN LABEL INSTALLATION

Complete a “Campaign Label” with the Recall 4507C written on the sticker and affix it to the vehicle’s bulkhead. Refer to illustration under “A. VEHICLE INSPECTION PROCEDURE”.

ATTACHMENT III – PARTS ORDERING INSTRUCTIONS

FOR REPAIR PROCEDURE B:

Ordering an ABS Module, PART# ECY2-67-65X (“BOX, CONTROL”)

1. Contact Technical Assistance at 888-832-8477
 - Please have all information available when making the call
 - Please give the hotline operator the last name of the current owner
2. It may be necessary to send a digital picture of the corrosion for documentation purposes
 - E-mail picture to hotline@mazdausa.com
 - Please include the VIN and hotline number with the photo
3. When an ABS module is ordered by Hotline, a service pigtail kit will be ordered automatically. DAG will send the parts department confirmation of order.

DO NOT CALL TECHNICAL HOTLINE FOR ORDERING A SERVICE PIGTAIL ONLY. PLEASE SEE “ORDERING A SERVICE PIGTAIL” BELOW.

FOR REPAIR PROCEDURE C:

Ordering a Service Pigtail, PART# ZZC0-67-069 (“JUMPER, WIRE”)

Orders will only be accepted through the Dealer Assistance Group (DAG) website “eMail Inquiries” page as follows:

1. Go to the Dealer Assistance Group web page, or click on the link below:
https://portal.mazdausa.com/dealershome/service_parts/dag/index.htm
2. Click on “eMail Inquiries” at the top of the screen
3. Click on “Corporate Dealer Assistance Group”
4. Fill in the following required fields:
 - First name
 - Last name
 - Phone Number
 - Email Address
 - MNAO Sales Order: Enter “4507C”
 - Part Number: Enter ZZC0-67-069
 - Techline Ref #: Leave Blank
 - Comments: Enter the VIN(s) of the vehicle(s) requiring the part. **Orders will not be placed if VIN is not included.**

Once all the fields have been entered, click on the “Submit” button. This sends an email to DAG. Your order will be placed, and you will be contacted with confirmation of the order and the order number. You do not need to call DAG once this email request has been sent.

NOTE: Orders received by 3:00 pm Pacific Standard Time will be processed the same day.

All orders will be placed as CSO to ensure the fastest possible delivery and minimize rental costs. The 12.5% Freight / Handling charge will be waived on these orders.



May 2007

2001 – 2004 Mazda Tribute Anti-Lock Brake System (ABS) Voluntary Safety Recall 4507C

Dear Mazda Owner:

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

Mazda Motor Corporation has decided that a defect, which relates to motor vehicle safety, exists on certain 2001 – 2004 Mazda Tribute vehicles equipped with Anti-Lock Brake System (ABS). **If you are a recipient of this notice, your vehicle is included in this campaign.**

What is the problem?

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) Module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light and, in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

What will Mazda do?

Your dealer will inspect the wiring harness connector to the ABS module for missing or dislodged wire seals and repair or replace the harness connector as appropriate. Your dealer will also inspect the ABS module and replace it if its connector is corroded or damaged. These repairs will be performed free of charge (parts and labor).

The inspection should take approximately 20 minutes to complete. However, the wait time may be longer depending on the service workload at your dealership. If the wiring harness or ABS module requires replacement it may be necessary to leave your vehicle overnight. Your dealer will provide you with a complete explanation of any required repairs for this campaign.

As a reminder, the Mazda Driver's Assurance Plan may provide alternate transportation if your vehicle is within the mileage and time limitations under the Mazda New Vehicle Limited Warranty* and adheres to the Rental Car Reimbursement policy. Ask your dealer for details about the Mazda Rental Car Reimbursement Program.

* Mazda New Vehicle Limited Warranty: 2001 and 2002 model years is 36 months or 50,000 miles, whichever comes first; 2003 and 2004 model years is 48 months or 50,000 miles, whichever comes first.

What should you do?

Mazda is concerned about your safety and we encourage you to make an appointment with any authorized Mazda dealer to have the ABS Module connector inspected and if necessary, replaced. You do not need to bring this notice to the dealer, but it may assist in the check-in process.

What if you have already paid for repair on the ABS Module Connector?

If you have already paid for the inspection, repair or replacement of the ABS module or Front Harness due to a defect, you may be eligible for reimbursement of reasonable repair expenses based on Mazda's repair standards. Please complete the enclosed "Reimbursement Application Form," including the necessary documentation and mail it to us in the pre-addressed envelope provided allowing 6-8 weeks for processing.

Where is the closest Mazda dealer?

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.

Moved or no longer own this vehicle?

If you have moved or no longer own your Mazda Tribute, 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.

Still have questions?

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, 400 Seventh Street, SW., 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



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

DATE: **October 2007** (Original April 2007)

SUBJECT: 2001-2004 Mazda Tribute Anti-Lock Brake System Voluntary Safety Recall 4507C
Revised Parts Information

Mazda Motor Corporation has decided to conduct a Voluntary Safety Recall on certain 2001-2004 Mazda Tribute vehicles equipped with Anti-Lock Brake System (ABS) and produced from April 17, 2000 through December 19, 2003.

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

The purpose of this campaign is to verify that no corrosion exists in the ABS module connector. In addition, the ABS wiring harness connector must be inspected for missing or dislodged wire seals. It is anticipated that approximately 97% the affected vehicles will pass these inspections.

Owners of affected vehicles will be notified by first class mail beginning May 9, 2007.

This package contains important information about Voluntary Safety Recall **4507C**:

Attachment I	Dealer Service and Parts information
Attachment II	Repair procedures
Attachment III	Parts ordering instructions
Attachment IV	Owner notification 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 enclosed report of registered owners in the dealer's area 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.

In California, privacy laws prevent the release of names and addresses on this report.

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,

Susumu Niinai
Director, Technical Services
Mazda North American Operations

CONDITION OF CONCERN

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

Note: The asterisk symbol “*” can be any letter or number.

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail beginning **May 9, 2007**.

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Electrical Contact Grease (e.g. Dielectric Grease)	Obtain Locally		One 3-oz tube will service at least 8 vehicles
ABS Module	ECY2-67-65XA	1	Note: Part No. ECY2-67-65X superseded to ECY2-67-65XA
Service Pigtail Kit	ECY1-67-SH0	1	Note: Part No. ZCC0-67-069 superseded to ECY1-67-SH0
Campaign Label	9999-95-065A-05	1=50 labels	Mstore (no charge)

PARTS ORDERING

The ABS Module and Service Pigtail Kit will be restricted from dealer-ordering. Please refer to Attachment III for Parts Ordering instructions for these parts.

Campaign labels are available in quantities of 50 per package by ordering through MStore.

SPECIAL SERVICE TOOL

Crimping Tool	AKS65030	1 Kit	Includes spare connectors
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An initial shipment of a Crimping Tool and a set of splice connectors will be shipped to dealers directly from the vendor beginning 5/15/07. All dealers should expect to receive the special service tool kit no later 5/30/07.

Additional Crimping Tool kits can be ordered through M-Store for an additional cost. They cannot be ordered on the eMDCS Parts Ordering System. These parts are not inventoried at the PDC.

WARRANTY CLAIM PROCESSING INFORMATION

	Repair Procedure A Mat Cover #054 only Passed Inspection, Apply electrical grease	Repair Procedure D Mat Cover #054 only Inspect, Reseat seals, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705A	J0705B
Part Number Main Cause	5555-07-013A	5555-07-013A
Part Quantity	0	0
Labor Operation Number	YY472XR1	YY472XR2
Labor Hours	0.3	0.3

	Repair Procedure C Inspect, Install Pigtail, Apply electrical grease	Repair Procedure B Inspect, Install Pigtail, Replace ABS module, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705C	J0705D
Part Number Main Cause	ZZC0-67-069 or ECY1-67-SH0 *	ECY2-67-65X or ECY2-67-65XA **
Part Quantity	1	1
Labor Operation Number	YY473XR1	YY473XR2
Labor Hours	1.4	1.7

* Note: Part Number ZZC0-67-069 has been superseded to ECY1-67-SH0. Please use the part number installed on the vehicle at time of repair.

** Note: Part Number ECY2-67-65X has been superseded to ECY2-67-65XA. Please use the part number installed on the vehicle at time of repair.

RENTAL CAR

A rental car may be provided to the customer if eligible based on the terms and conditions of the Rental Car Reimbursement Program, Policy 12.0. Rental car reimbursements are available only on vehicles within the mileage and time limitations under the New Vehicle Limited Warranty*. If the customer was placed in a rental car while the campaign was being completed, submit a separate **claim/problem** using the standard rental claim information.

* Note: 2001 and 2002 vehicles are no longer within the time limitations. Some 2003 and 2004 models may still be eligible depending on original retail date and mileage.

Warranty Type Code	A
Symptom Code	99
Damage Code	99
Part Number Main Cause	5555-RE-NTAL
Part Quantity	0
Labor Operation Code	MM012XRX
Labor Hours	0.0
Sublet – Rental Car	
Sublet Invoice Number	Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code	Enter “L”
Sublet Amount	Up to \$30.00/day for the # of days customer had rental car

Rental expenses exceeding the two-day limit will require prior DCSM Authorization, as outlined in the Rental Car Reimbursement Program policy.

VERIFY THE VEHICLE NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

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

If vehicle is not within the above range, return it to inventory or the customer.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for an Authorized Campaign Label RECALL **4507C** attached to the vehicle’s bulkhead.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 4507C	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 4507C CLOSED	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply to vehicle's bulkhead
RECALL 4507C 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 PROCEDURES

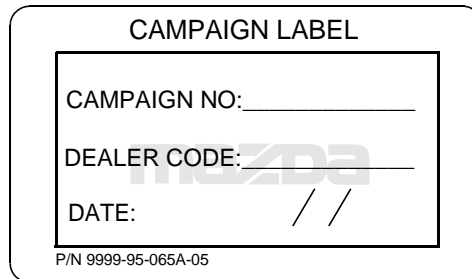
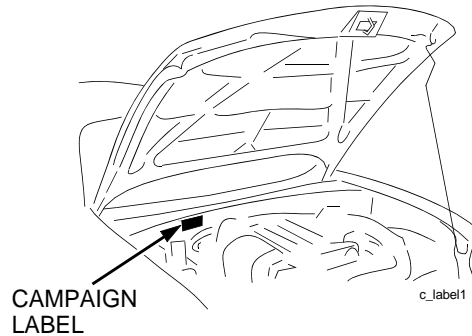
Please refer to Attachment II.

2001-2004 TRIBUTE - ABS MODULE ELECTRICAL CONNECTOR [RECALL 4507C]

A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within one of the following ranges:
 - 2001 - 2004 Tribute vehicles equipped with ABS built from April 17, 2000 through December 19, 2003
 VIN Range: 4F2*U** 1* 1K M00199 - M72183
 VIN Range: 4F2*U** 1* 2K M00002 - M66656
 VIN Range: 4F2*Z** 1* 3K M00001 - M56581
 VIN Range: 4F2*Z** 1* 4K M00004 - M34822
 - 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 Campaign Label **Recall 4507C** attached to the vehicle's bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Be sure to verify Recall number as the vehicle may have multiple Recall labels.



1326b

eMDCS System - Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
Recall 4507C OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. INSPECTION".
Recall 4507C CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a campaign label and apply it to vehicle's bulkhead.
Recall 4507C is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

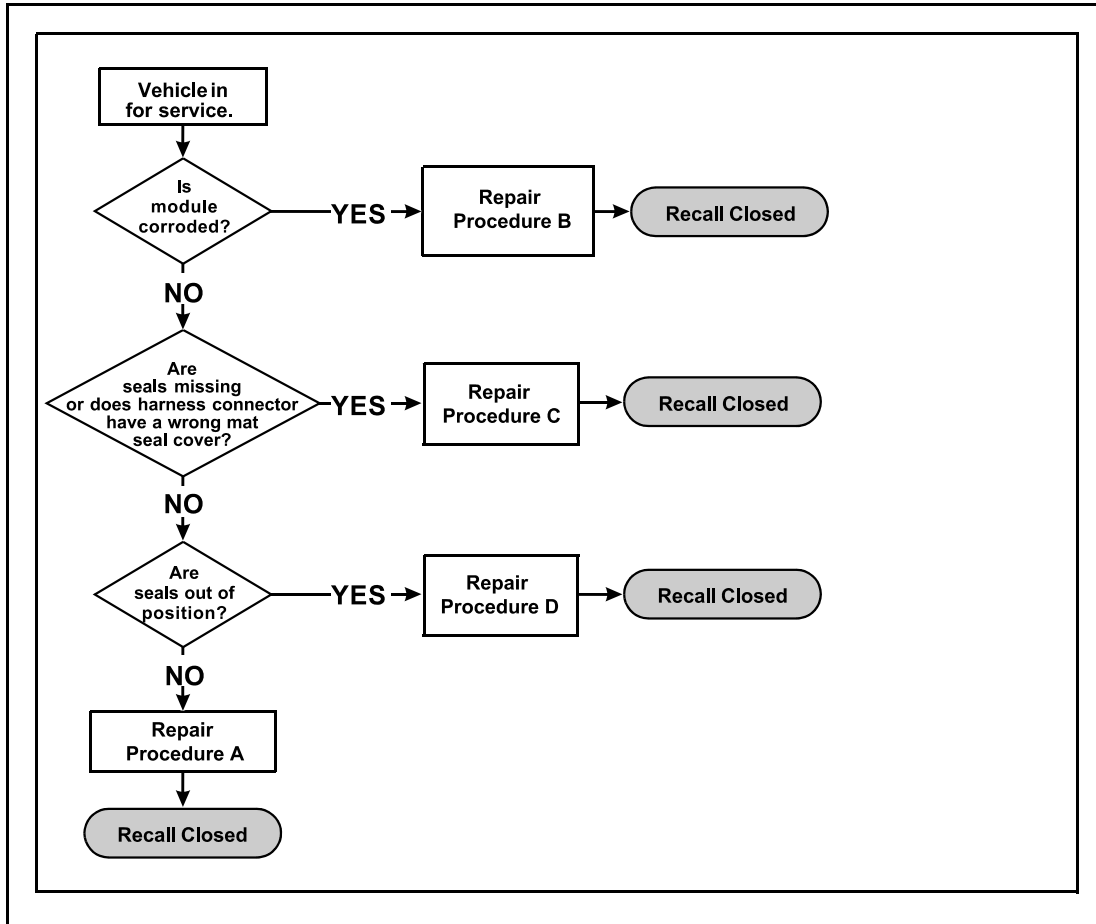
ABS MODULE CONNECTOR INSPECTION AND REPAIR OVERVIEW

This program includes making sure the wiring harness connector is properly sealed against moisture/contamination, and inspecting the ABS module for evidence of corrosion resulting from an inadequately sealed connector.

During the inspection, we expect that most of the affected vehicles will not have any evidence of corrosion in the ABS module. However, the ABS wiring harness connector still needs to be inspected for missing or improperly seated seals and/or incorrect connector number.

If the ABS module is corroded, the ABS module and connector must be replaced.

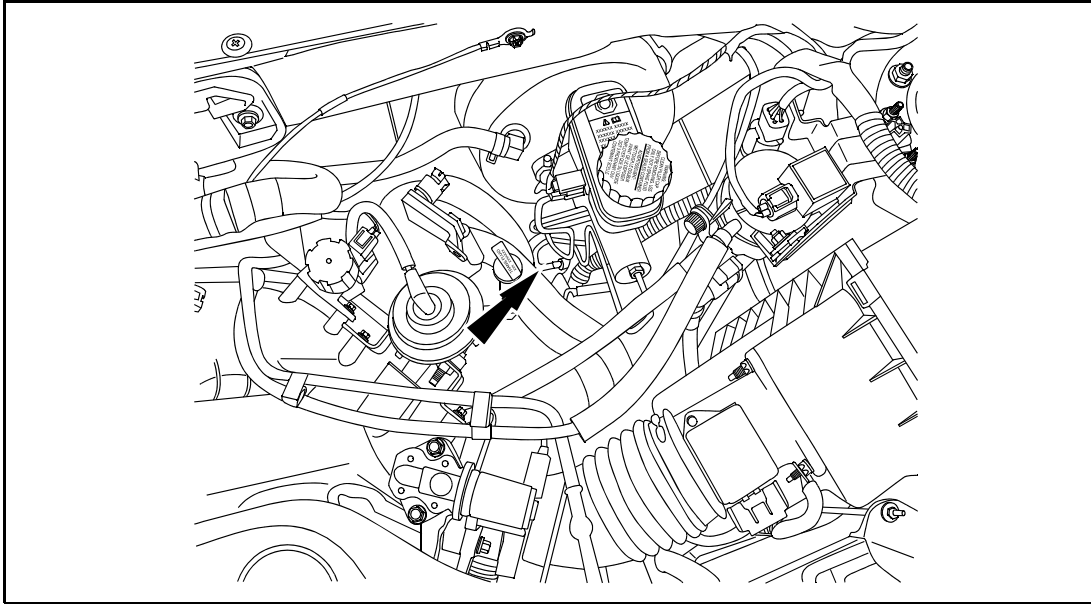
A flow chart has been developed to help direct you to the proper repair.



4507Cu

B. INSPECTION

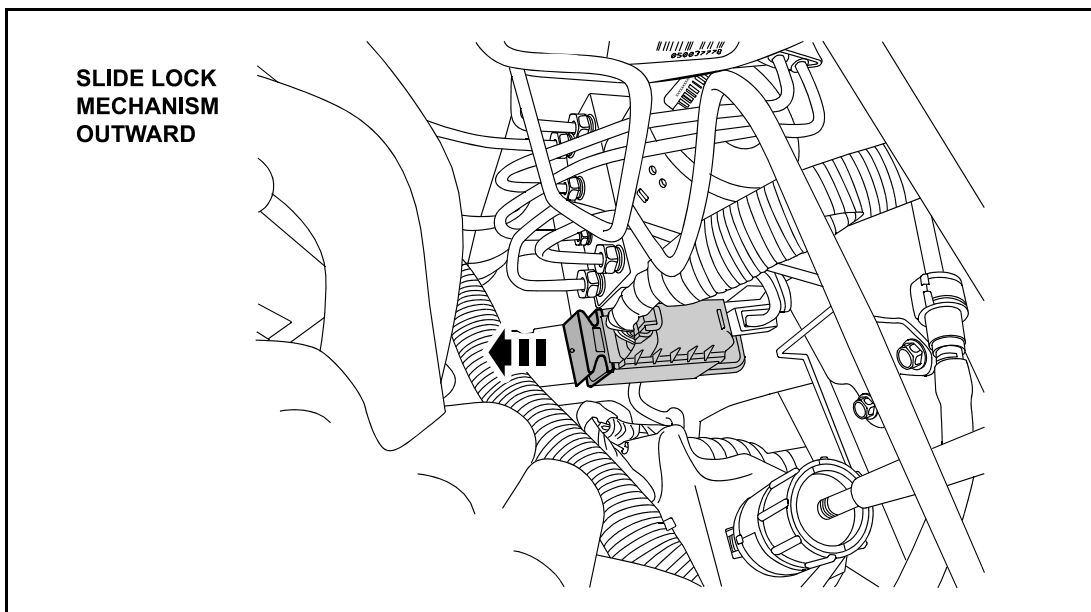
1. Record customer's pre-set radio stations.
2. Disconnect negative battery cable.
3. Locate ABS module connector under brake master cylinder.



4507Cq

4. Disconnect ABS module 25-pin connector by sliding lock mechanism out (towards passenger side of vehicle) and pulling connector off module.

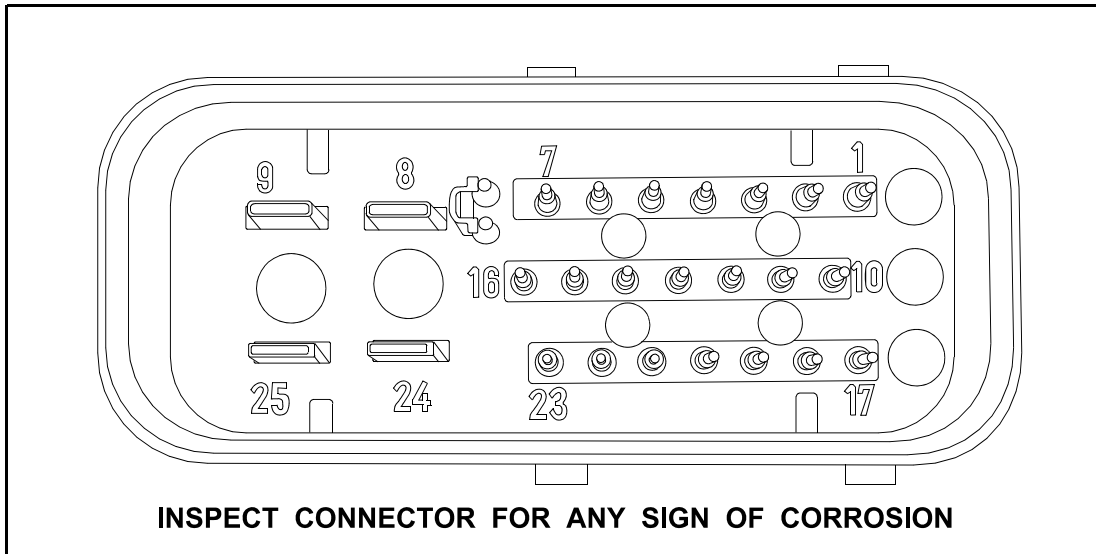
NOTE: When disconnecting the ABS module connector, be sure the blue connector lock stays engaged with the harness connector and does not remain in the module. Remove it from the module if necessary and make sure the white O-ring seal is properly installed.



4507Cr

5. Disconnect the speed sensor harness, then remove the two (2) harness retainers from the studs and position the harness above the air cleaner assembly to provide access for inspection of the connector.

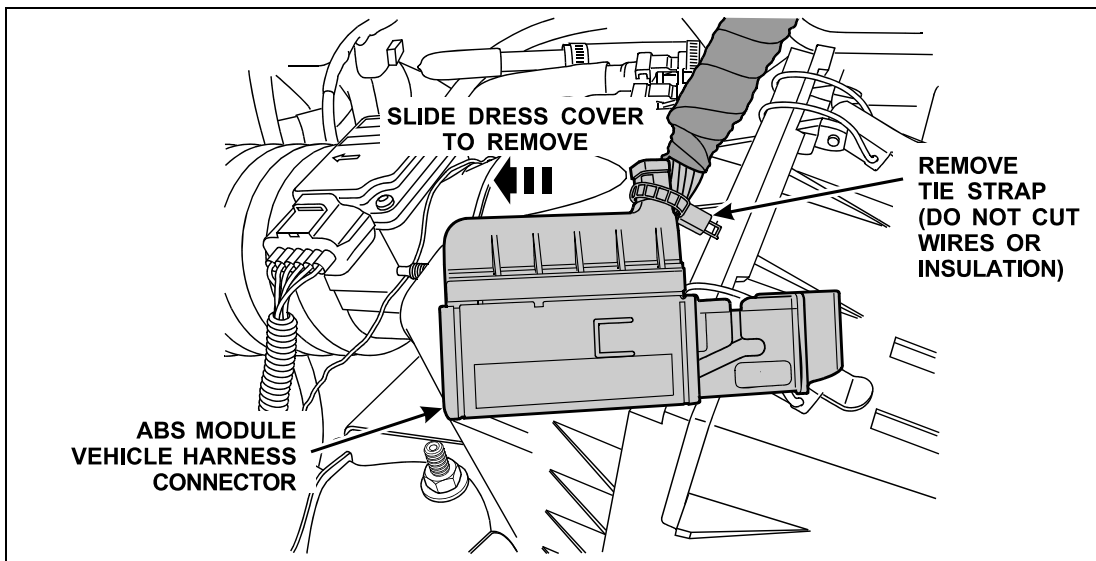
6. Inspect the ABS module connector pins for corrosion.
 - If corrosion is present, proceed to "REPAIR PROCEDURE B".



4507Cv

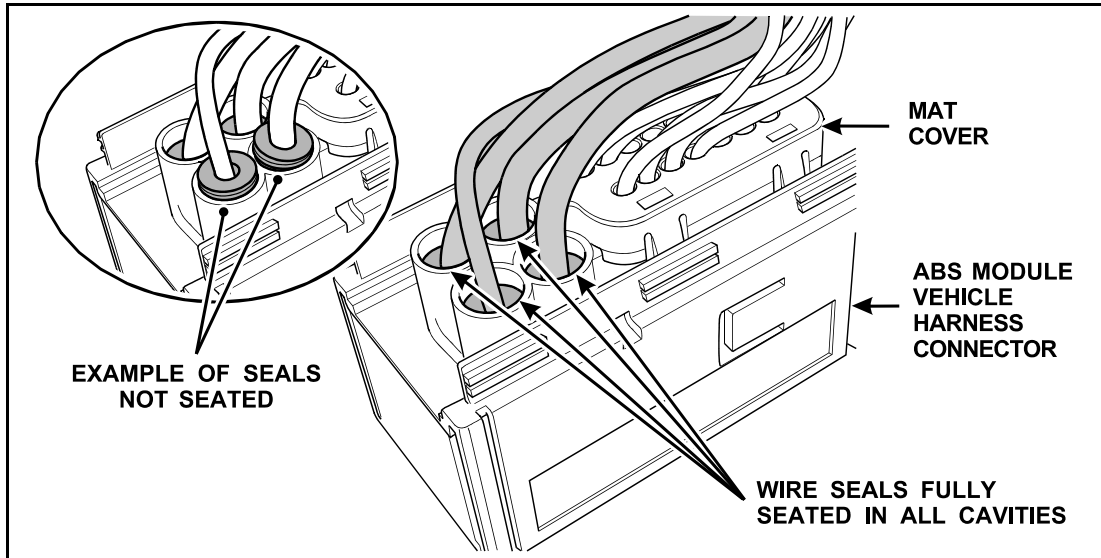
7. Remove the tie strap from the connector dress cover, then slide the cover off the connector.

CAUTION: Do not cut any of the harness wires or the wire insulation when cutting off the tie strap.



4507Cc

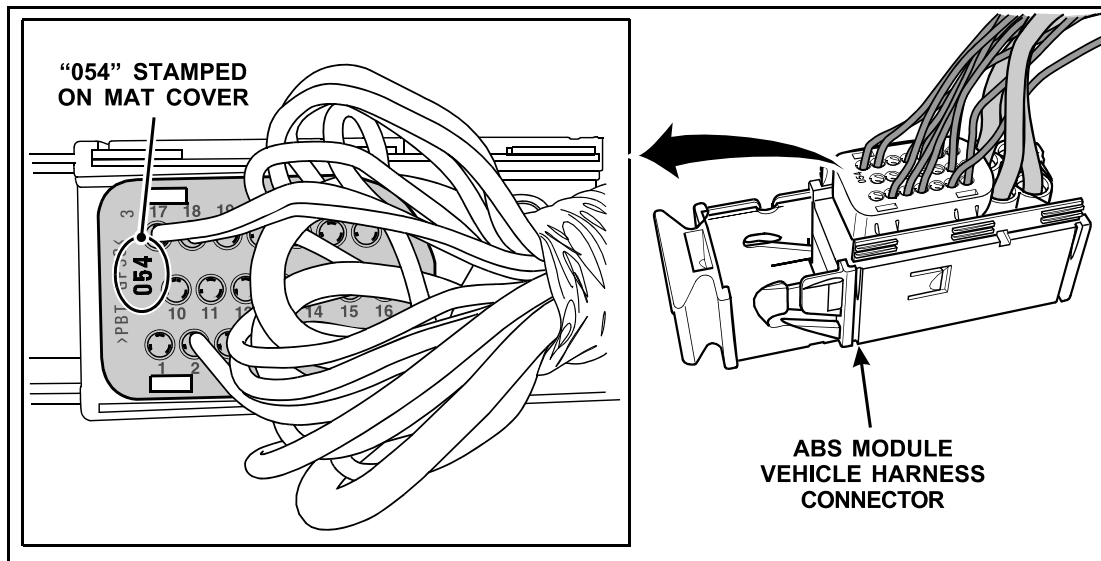
8. Verify the wire seals are present on the four (4) heavier gauge wires.



4507Ce

9. Verify the number “054” is stamped on the slide-lock end of the mat cover (wipe mat cover clean if necessary to view).

NOTE: Mat covers with any other number will be missing plugs in the unused pin locations.



4507Cd

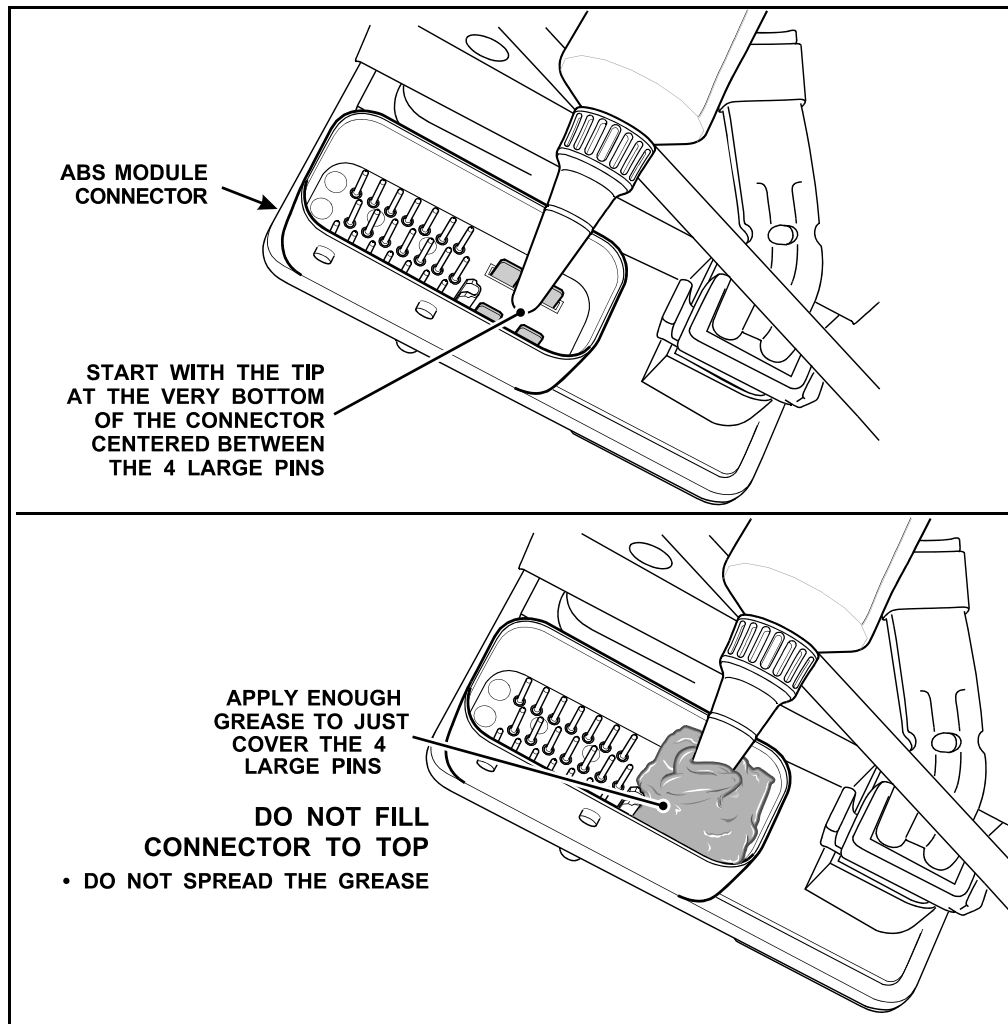
- If the module is not corroded, **AND** all the wire seals are present, **AND** all the wire seals are fully seated, **AND** the number on the mat cover is “054”, proceed to “REPAIR PROCEDURE A”.
- If any of the wire seals are missing, **OR** if the number on the mat cover is not “054”, proceed to “REPAIR PROCEDURE C”.
- Verify all four (4) heavier gauge wire seals are fully seated in the cavities. Each seal should sit approximately 1-2 mm (1/16 in) below the top of the round cavity. If any of the wire seals are not seated properly, proceed to “REPAIR PROCEDURE D”.

REPAIR PROCEDURE A

1. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:

- a) Reinstall dress cover.
 - b) Use ONLY dielectric grease.
- With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to just cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a "hydro lock" condition which will not allow the connector to fully seat or lock in place.



4507Ch

2. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
3. Reconnect negative battery cable.

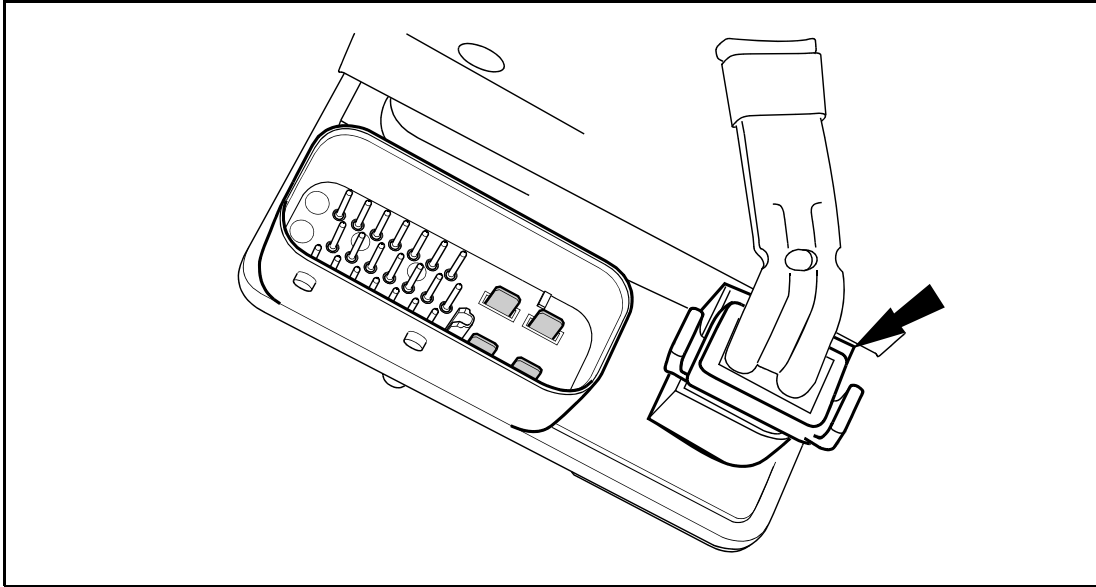
ATTACHMENT II

4. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
5. Re-enter customer's radio pre-set stations and proceed to "C. CAMPAIGN LABEL INSTALLATION".

REPAIR PROCEDURE B**PROCEDURE TO REPLACE ABS MODULE**

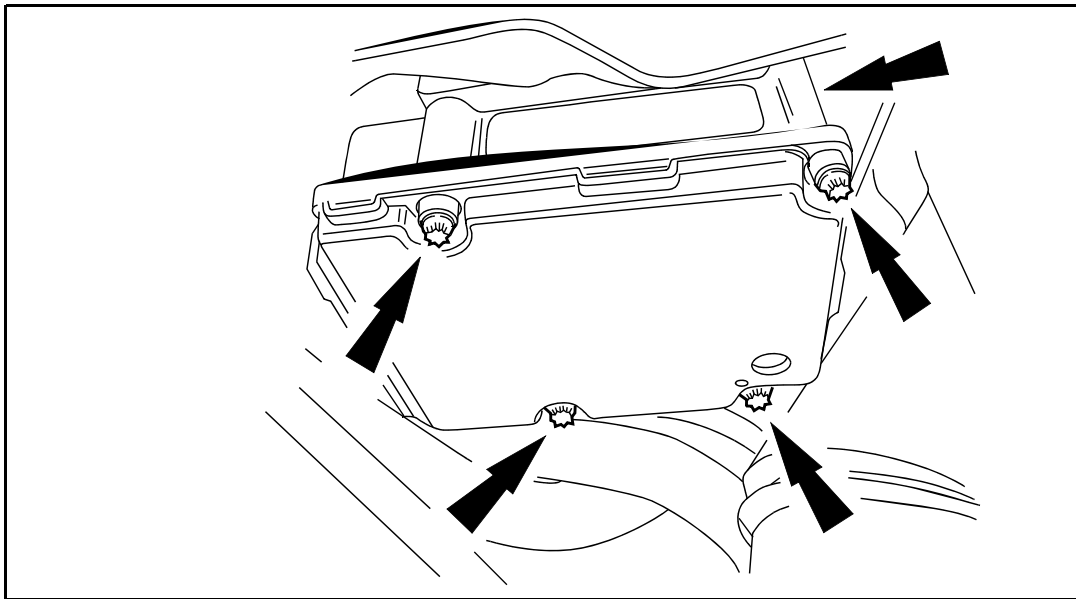
NOTE: Module configuration or reprogramming is not required when installing a new ABS module.

1. Disconnect the 2-wire electrical connector at the ABS module.



4507Cs

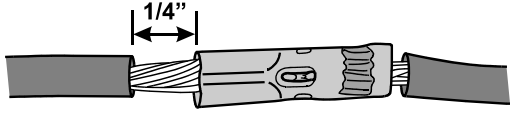

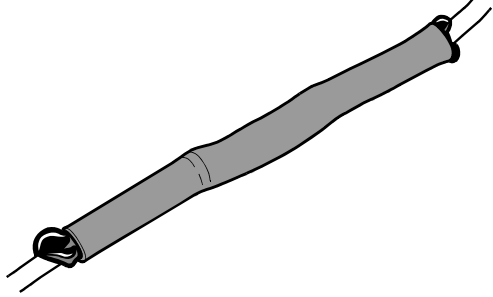
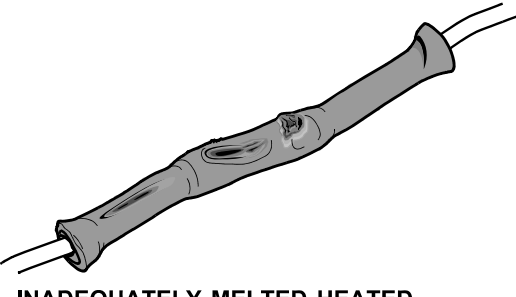
2. Safely raise the vehicle on a hoist, then remove the four (4) ABS module screws and the ABS module.



4507Ct

3. Position the new module and install the bolts.
Tightening torque: No more than 18 in-lbf. (2 Nm)
4. Lower vehicle on hoist and reconnect 2-wire connector to the ABS module.
5. Proceed to "PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR".

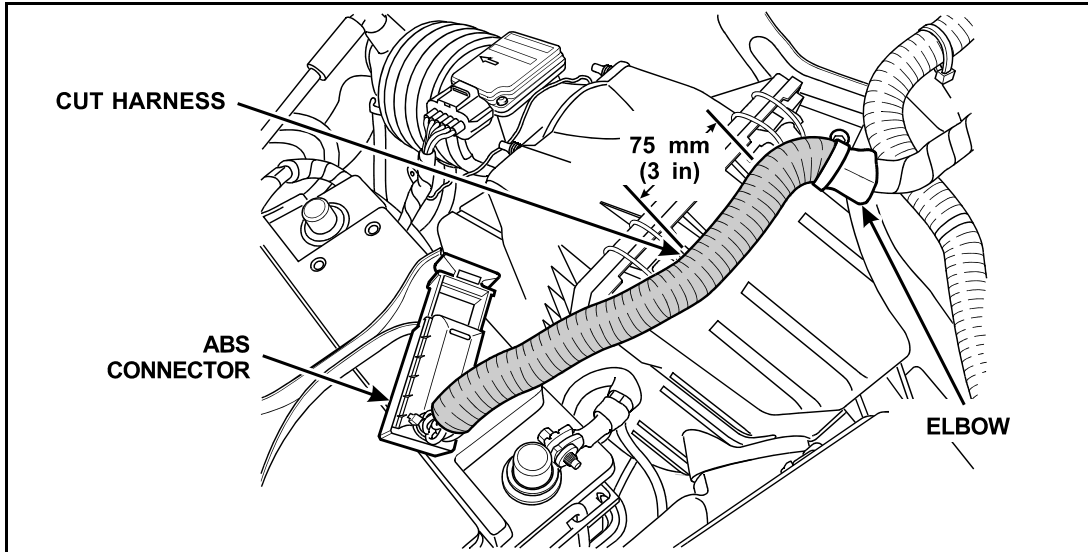
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

 <p>CORRECT CRIMP USING CRIMP TOOL</p> <ul style="list-style-type: none"> • Wires crimped very securely. • No loose or broken wires. • Splice connector intact. 	 <p>INADEQUATE CRIMP USING IMPROPER TOOL</p> <ul style="list-style-type: none"> • Broken splice connector. • Possible loose connection.
 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507CI

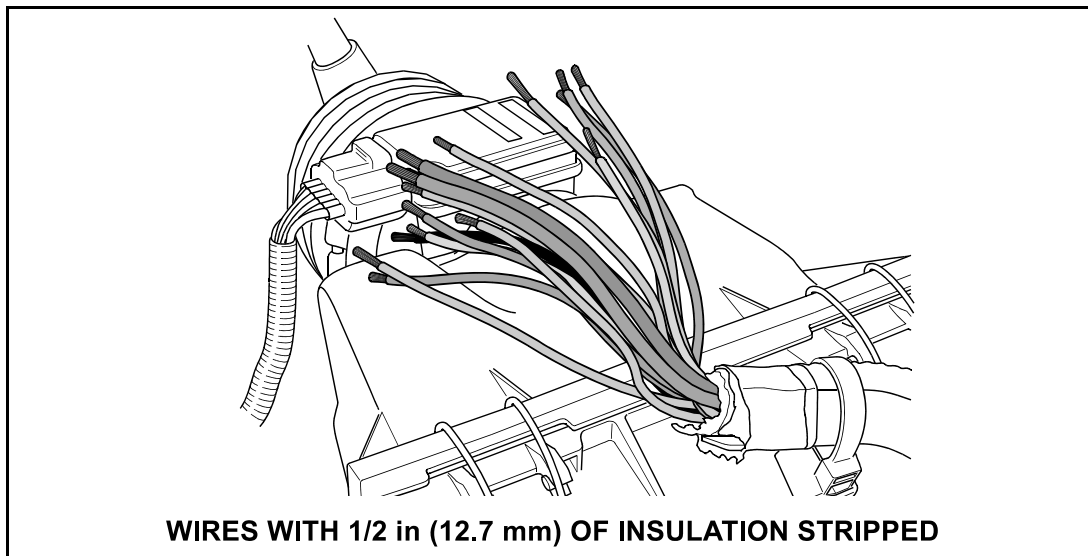
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

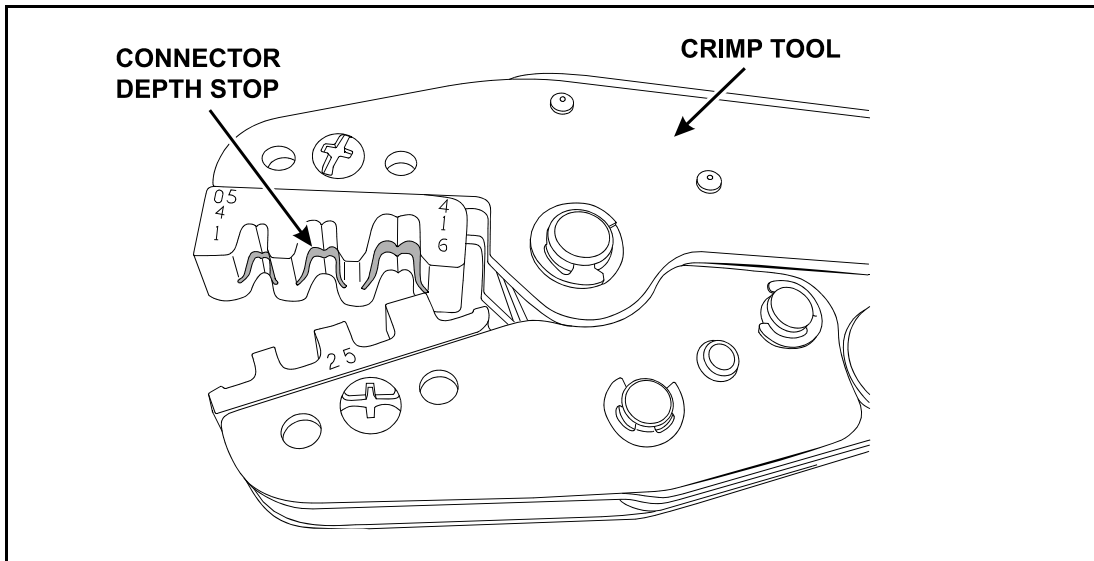
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

NOTE:

- The harness contains two (2) black wires of the same size. Both are grounds (circuit 57). Crossing these wires has no adverse effect on vehicle operation.
- The service pigtail kit contains the connector with wires matching color and size of the original vehicle harness, three (3) different sizes of butt splice connectors for the different wire sizes and a piece of heat shrink tubing to cover each splice.

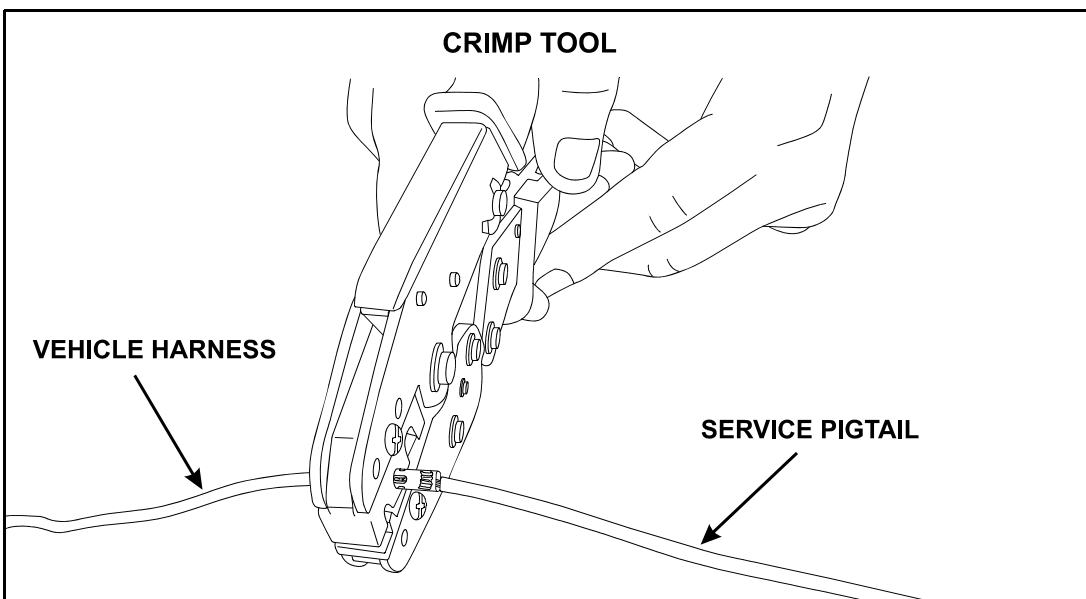
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



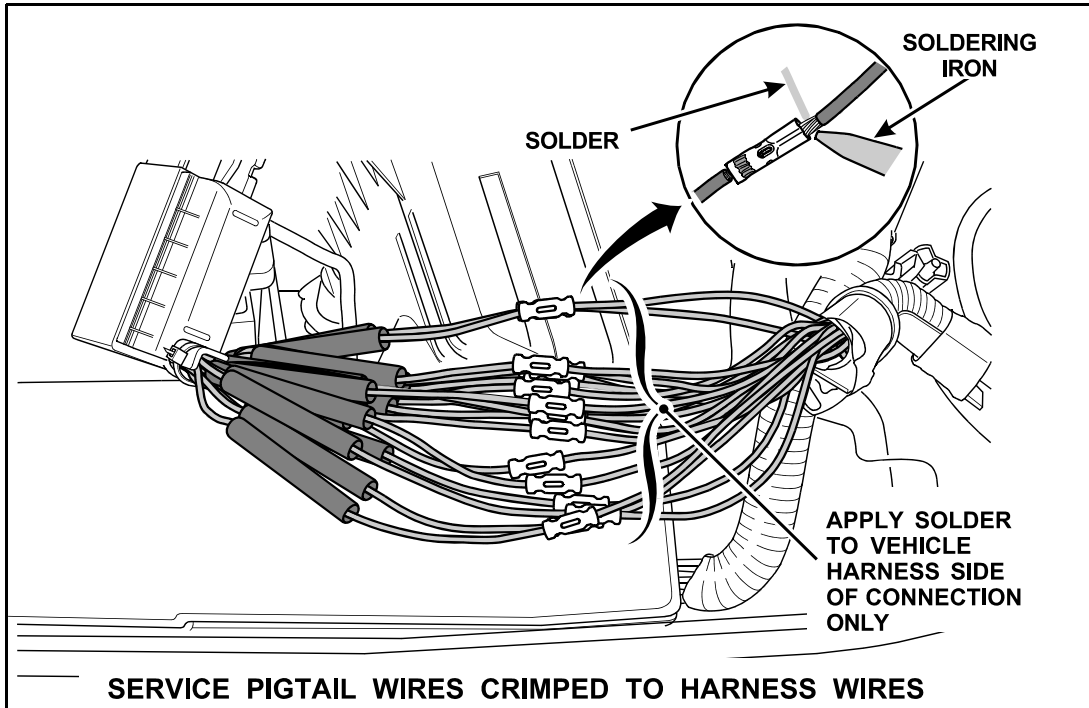
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

- Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

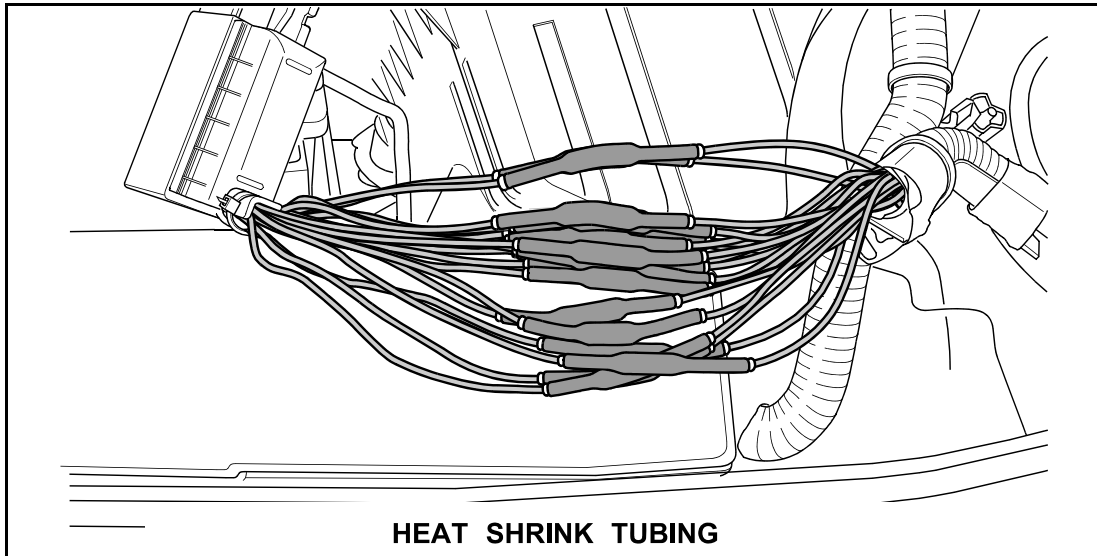


4507CI

- After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

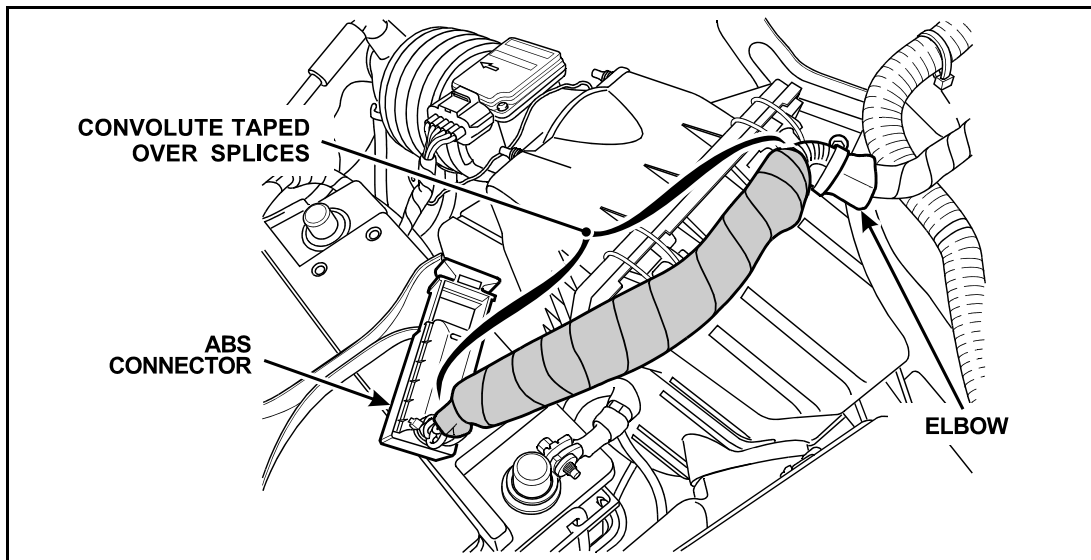
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

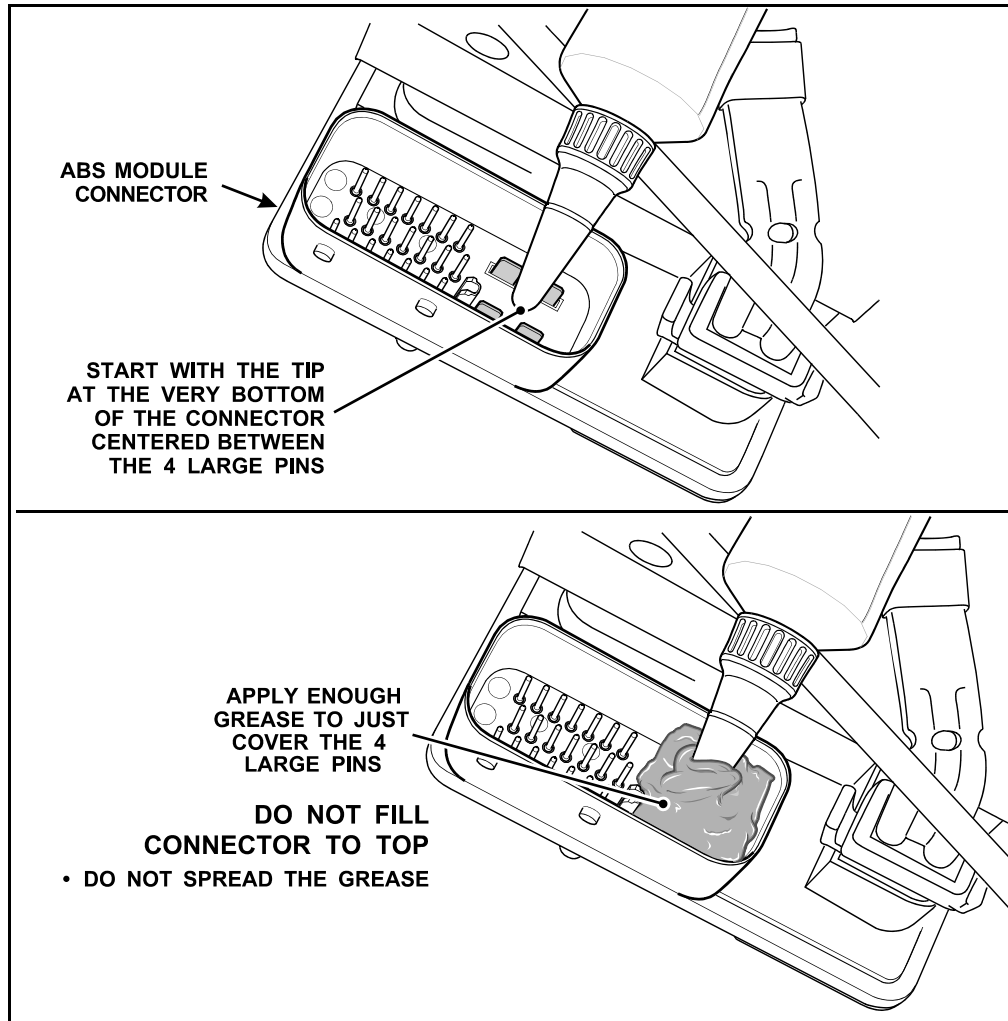
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
- a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.

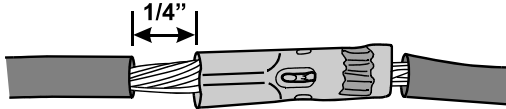

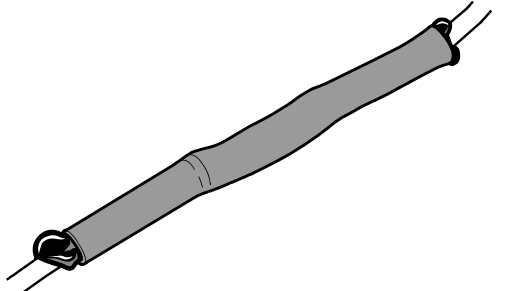
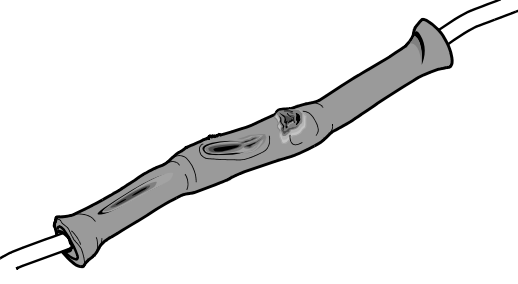


4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE C

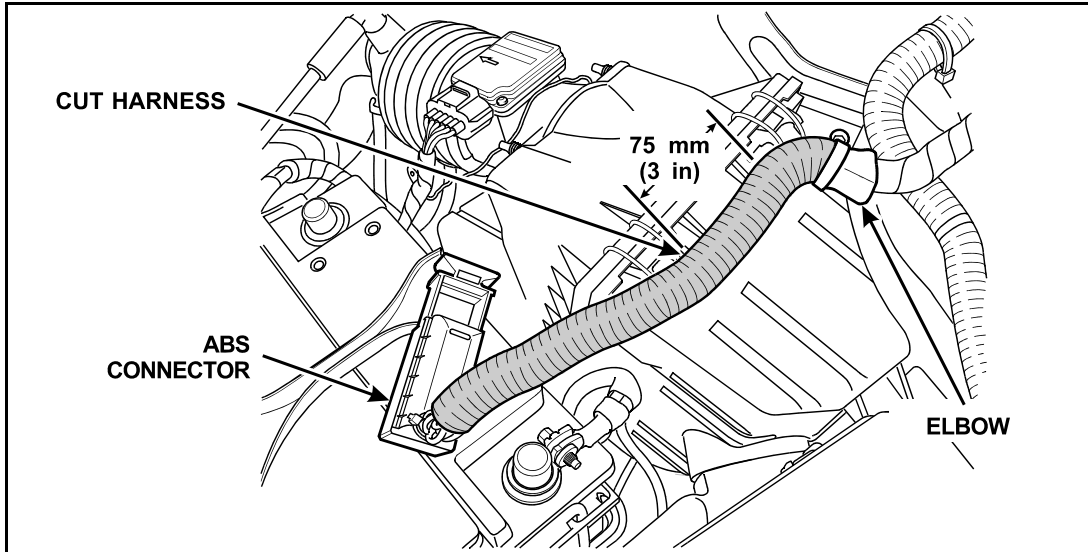
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

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 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507Ci

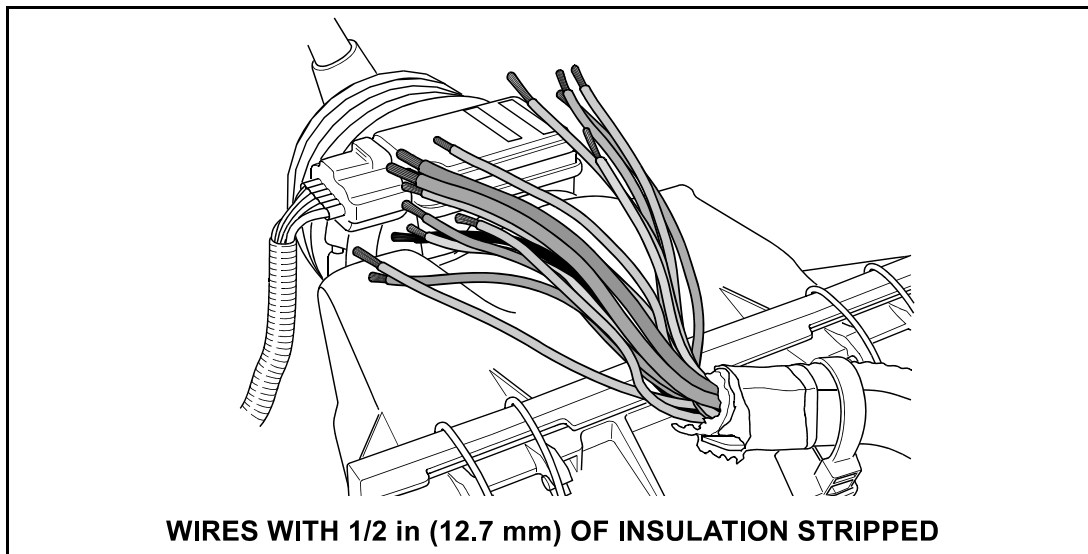
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

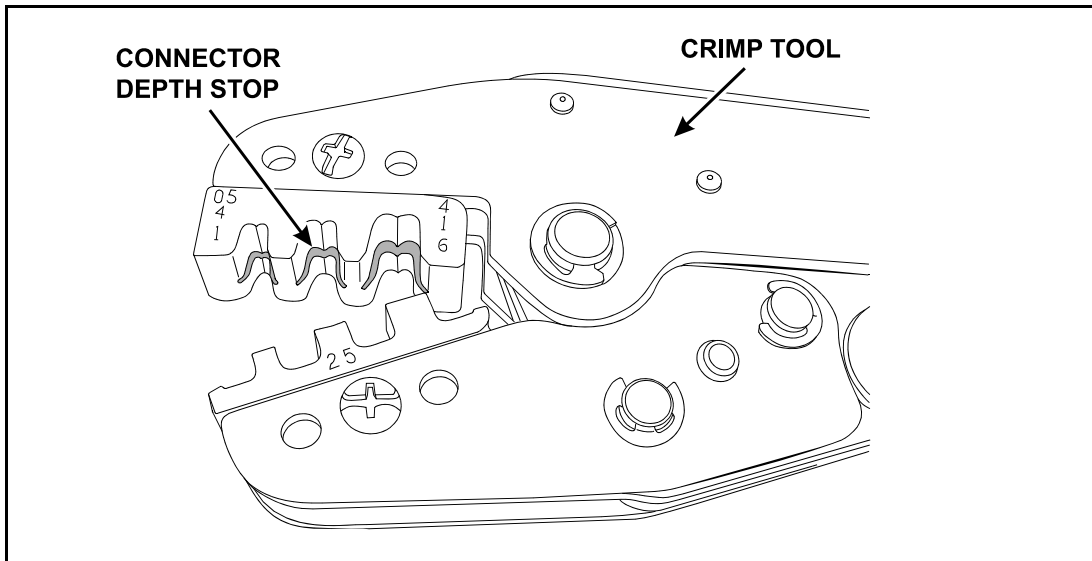
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

NOTE:

- The harness contains two (2) black wires of the same size. Both are grounds (circuit 57). Crossing these wires has no adverse effect on vehicle operation.
- The service pigtail kit contains the connector with wires matching color and size of the original vehicle harness, three (3) different sizes of butt splice connectors for the different wire sizes and a piece of heat shrink tubing to cover each splice.

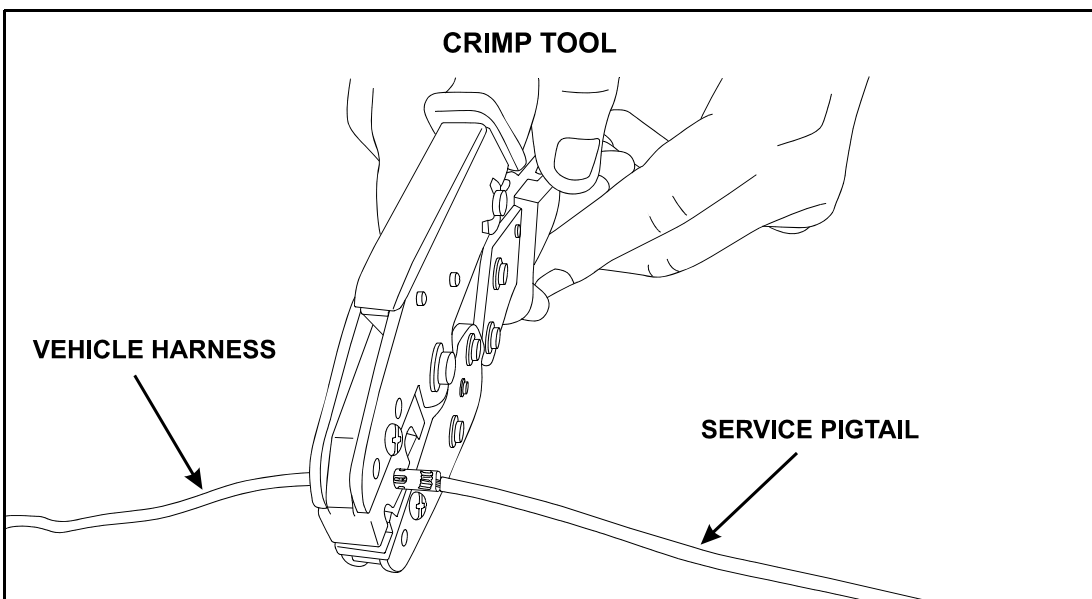
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



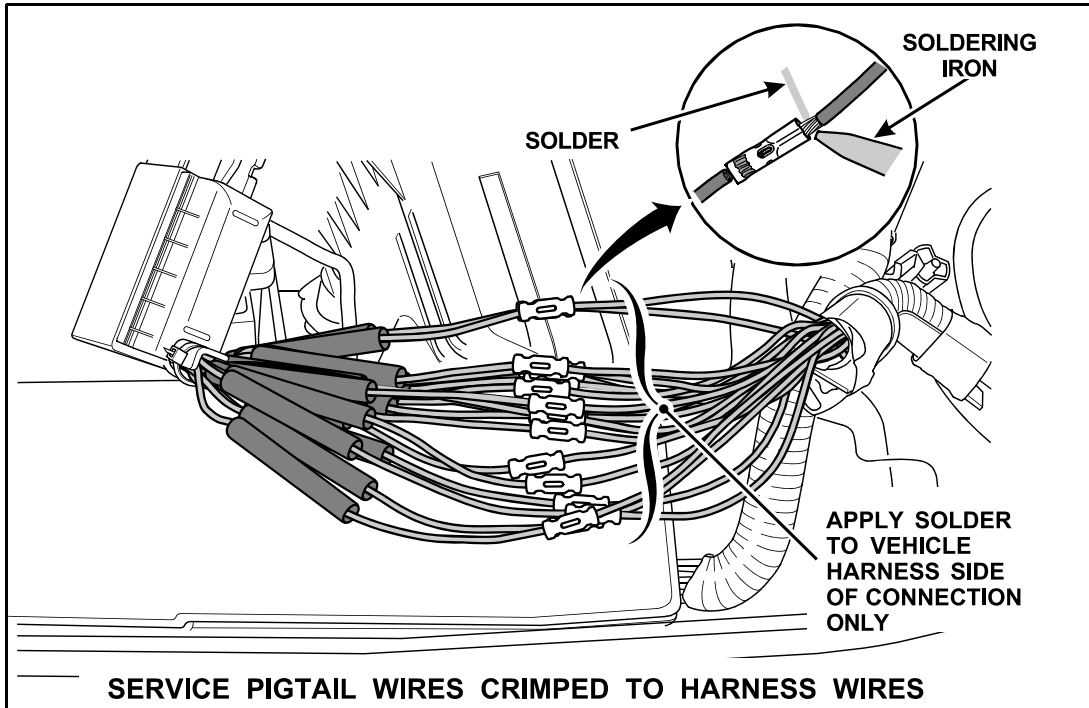
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

6. Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

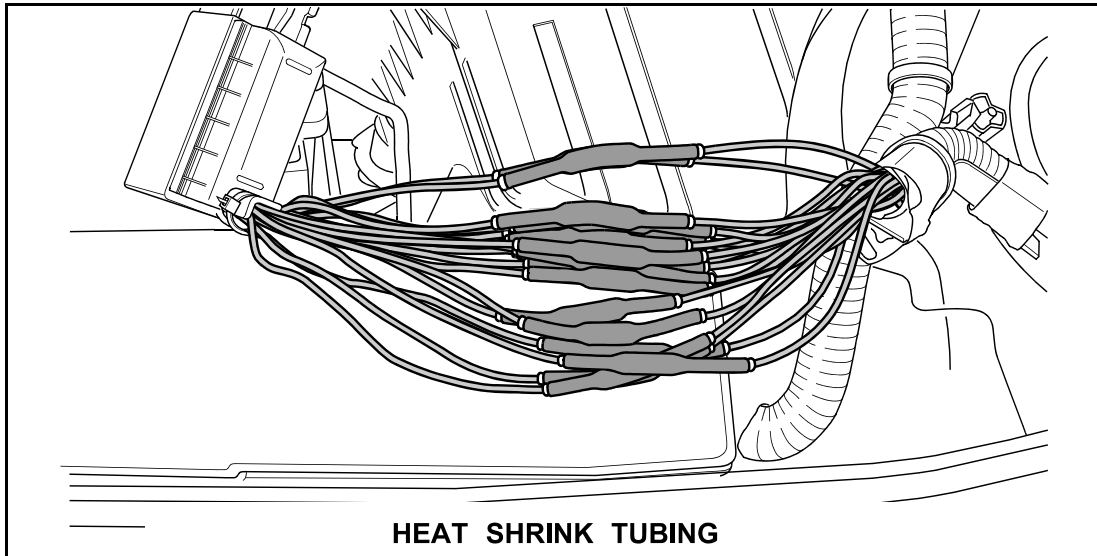


4507CI

7. After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

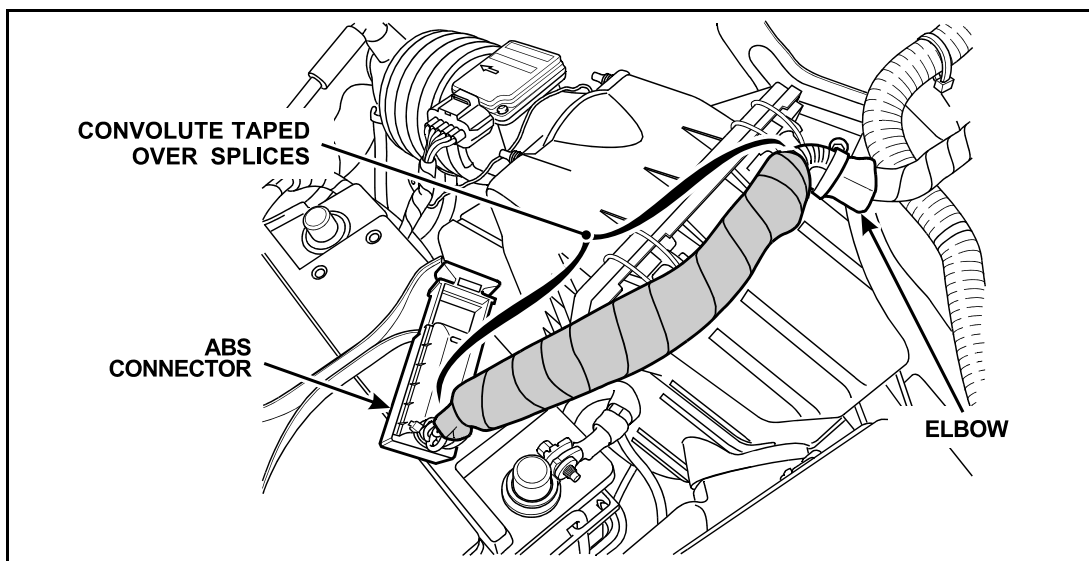
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

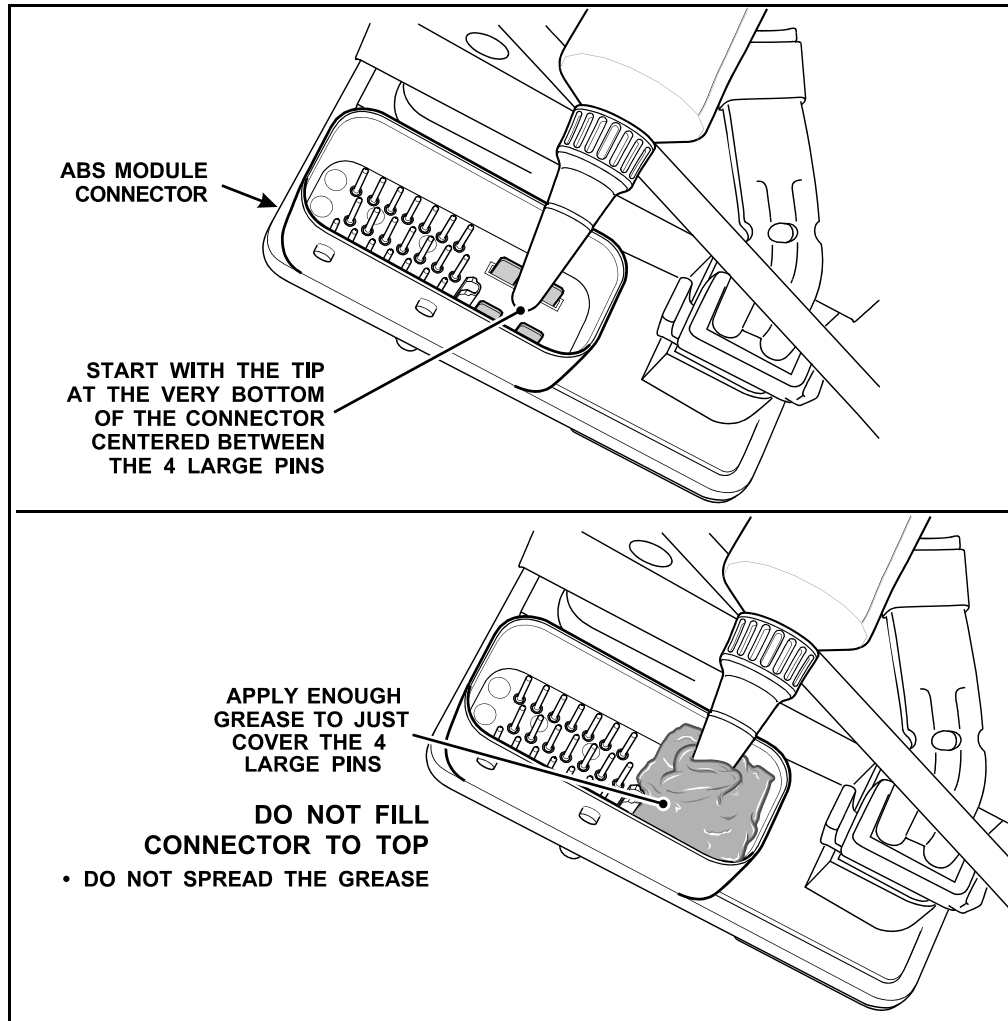
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
- a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



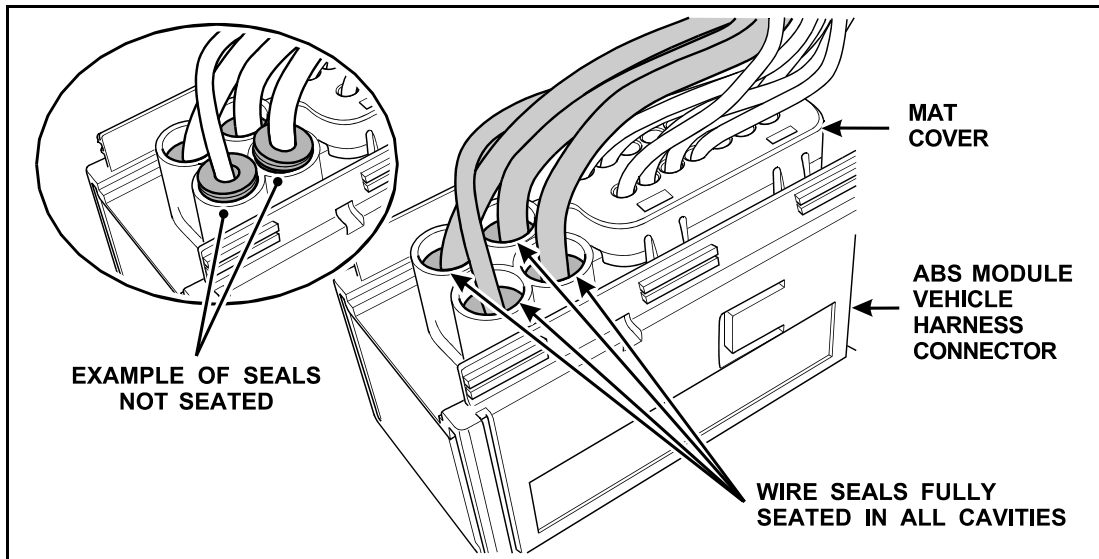
4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE D

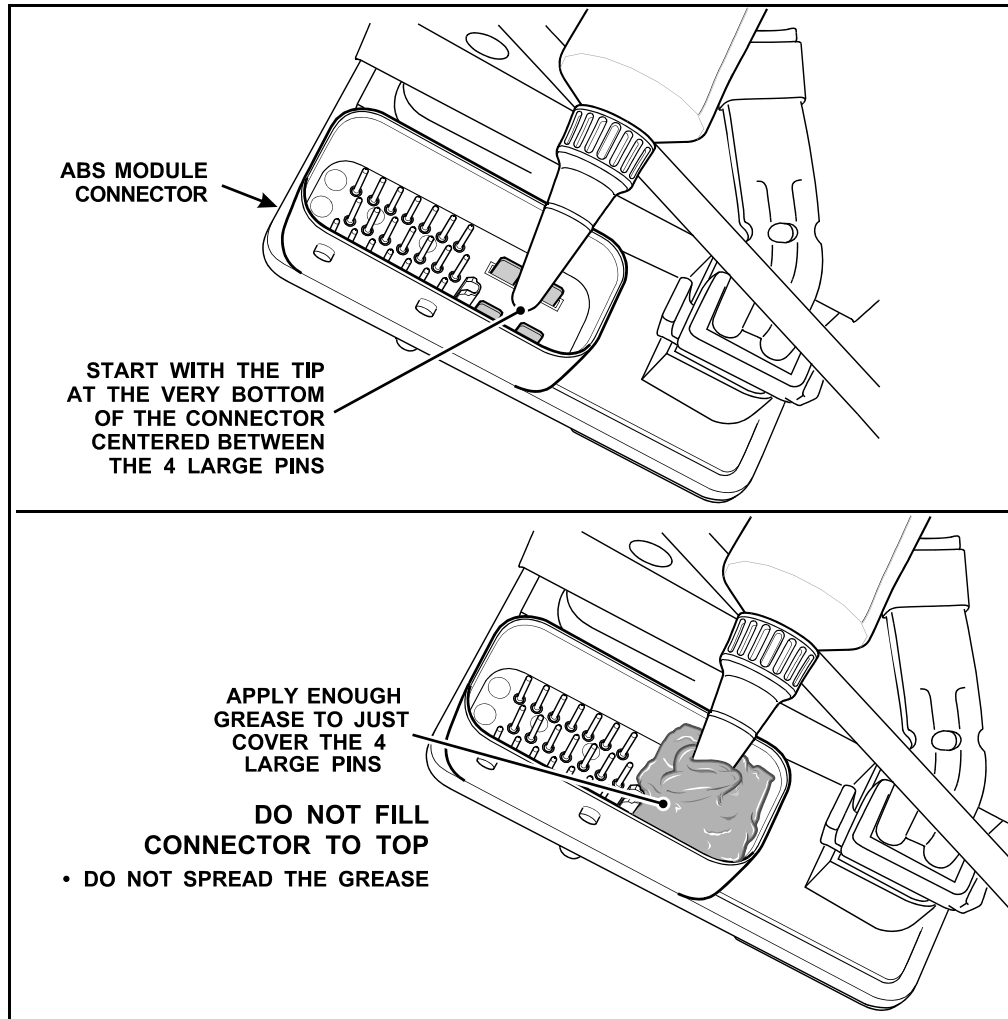
1. If the seals are not fully seated, reseat any seals not fully seated with a blunt tool.

NOTE: DO NOT use anything sharp such as a screwdriver, awl or punch that could penetrate the seal and allow moisture to enter the terminal.



2. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
 - a) Reinstall dress cover.
 - b) Use ONLY dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



4507Ch

3. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
4. Reconnect negative battery cable.
5. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
6. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

C. CAMPAIGN LABEL INSTALLATION

Complete a “Campaign Label” with the Recall 4507C written on the sticker and affix it to the vehicle’s bulkhead. Refer to illustration under “A. VEHICLE INSPECTION PROCEDURE”.

ATTACHMENT III – PARTS ORDERING INSTRUCTIONS

FOR REPAIR PROCEDURE B:

Ordering an ABS Module, PART# ECY2-67-65X (“BOX, CONTROL”)

1. Contact Technical Assistance at 888-832-8477
 - Please have all information available when making the call
 - Please give the hotline operator the last name of the current owner
2. It may be necessary to send a digital picture of the corrosion for documentation purposes
 - E-mail picture to hotline@mazdausa.com
 - Please include the VIN and hotline number with the photo
3. When an ABS module is ordered by Hotline, a service pigtail kit will be ordered automatically. DAG will send the parts department confirmation of order.

DO NOT CALL TECHNICAL HOTLINE FOR ORDERING A SERVICE PIGTAIL ONLY. PLEASE SEE “ORDERING A SERVICE PIGTAIL” BELOW.

FOR REPAIR PROCEDURE C:

Ordering a Service Pigtail, PART# ZZC0-67-069 (“JUMPER, WIRE”)

Orders will only be accepted through the Dealer Assistance Group (DAG) website “eMail Inquiries” page as follows:

1. Go to the Dealer Assistance Group web page, or click on the link below:
https://portal.mazdausa.com/dealershome/service_parts/dag/index.htm
2. Click on “eMail Inquiries” at the top of the screen
3. Click on “Corporate Dealer Assistance Group”
4. Fill in the following required fields:
 - First name
 - Last name
 - Phone Number
 - Email Address
 - MNAO Sales Order: Enter “4507C”
 - Part Number: Enter ZZC0-67-069
 - Techline Ref #: Leave Blank
 - Comments: Enter the VIN(s) of the vehicle(s) requiring the part. **Orders will not be placed if VIN is not included.**

Once all the fields have been entered, click on the “Submit” button. This sends an email to DAG. Your order will be placed, and you will be contacted with confirmation of the order and the order number. You do not need to call DAG once this email request has been sent.

NOTE: Orders received by 3:00 pm Pacific Standard Time will be processed the same day.

All orders will be placed as CSO to ensure the fastest possible delivery and minimize rental costs. The 12.5% Freight / Handling charge will be waived on these orders.



May 2007

2001 – 2004 Mazda Tribute Anti-Lock Brake System (ABS) Voluntary Safety Recall 4507C

Dear Mazda Owner:

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

Mazda Motor Corporation has decided that a defect, which relates to motor vehicle safety, exists on certain 2001 – 2004 Mazda Tribute vehicles equipped with Anti-Lock Brake System (ABS). **If you are a recipient of this notice, your vehicle is included in this campaign.**

What is the problem?

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) Module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light and, in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

What will Mazda do?

Your dealer will inspect the wiring harness connector to the ABS module for missing or dislodged wire seals and repair or replace the harness connector as appropriate. Your dealer will also inspect the ABS module and replace it if its connector is corroded or damaged. These repairs will be performed free of charge (parts and labor).

The inspection should take approximately 20 minutes to complete. However, the wait time may be longer depending on the service workload at your dealership. If the wiring harness or ABS module requires replacement it may be necessary to leave your vehicle overnight. Your dealer will provide you with a complete explanation of any required repairs for this campaign.

As a reminder, the Mazda Driver's Assurance Plan may provide alternate transportation if your vehicle is within the mileage and time limitations under the Mazda New Vehicle Limited Warranty* and adheres to the Rental Car Reimbursement policy. Ask your dealer for details about the Mazda Rental Car Reimbursement Program.

* Mazda New Vehicle Limited Warranty: 2001 and 2002 model years is 36 months or 50,000 miles, whichever comes first; 2003 and 2004 model years is 48 months or 50,000 miles, whichever comes first.

What should you do?

Mazda is concerned about your safety and we encourage you to make an appointment with any authorized Mazda dealer to have the ABS Module connector inspected and if necessary, replaced. You do not need to bring this notice to the dealer, but it may assist in the check-in process.

What if you have already paid for repair on the ABS Module Connector?

If you have already paid for the inspection, repair or replacement of the ABS module or Front Harness due to a defect, you may be eligible for reimbursement of reasonable repair expenses based on Mazda's repair standards. Please complete the enclosed "Reimbursement Application Form," including the necessary documentation and mail it to us in the pre-addressed envelope provided allowing 6-8 weeks for processing.

Where is the closest Mazda dealer?

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.

Moved or no longer own this vehicle?

If you have moved or no longer own your Mazda Tribute, 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.

Still have questions?

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, 400 Seventh Street, SW., 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



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

DATE: August 2008

SUBJECT: 2001-2004 Mazda Tribute Anti-Lock Brake System Voluntary Safety Recall 4507C
RENOTIFICATION

Mazda Motor Corporation has decided to renotify customers that have not responded to the 2001-2004 Mazda Tribute Anti-Lock Brake System Voluntary Safety Recall 4507C. Owners of subject vehicles will be asked to return their vehicles to a Mazda dealer for inspection and repair as needed. The renotification letters will be mailed to the owners on August 21, 2008.

Mazda Motor Corporation has decided to conduct a Voluntary Safety Recall on certain 2001-2004 Mazda Tribute vehicles equipped with Anti-Lock Brake System (ABS) and produced from April 17, 2000 through December 19, 2003.

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

The purpose of this campaign is to verify that no corrosion exists in the ABS module connector. In addition, the ABS wiring harness connector must be inspected for missing or dislodged wire seals. It is anticipated that approximately 97% the affected vehicles will pass these inspections.

This package contains important information about Voluntary Safety Recall **4507C**:

Attachment I	Dealer Service and Parts information
Attachment II	Repair procedures
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 enclosed report of registered owners in the dealer's area 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.

In California, privacy laws prevent the release of names and addresses on this report.

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,

Susumu Niinai
Director, Technical Services
Mazda North American Operations

CONDITION OF CONCERN

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

Note: The asterisk symbol “*” can be any letter or number.

OWNER NOTIFICATION

2nd Notification: August 21, 2008
Original Notification: May 9, 2007.

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Electrical Contact Grease (e.g. Dielectric Grease)	Obtain Locally		One 3-oz tube will service at least 8 vehicles
ABS Module	ECY2-67-65XA	1	Part No. ECY2-67-65X superseded to ECY2-67-65XA
Service Pigtail Kit	ECY1-67-SH0	1	Part No. ZYC0-67-069 superseded to ECY1-67-SH0
Campaign Label	9999-95-065A-05	1=50 labels	MStore (no charge)

PARTS ORDERING

Parts can be ordered through the eMDCS Parts Ordering System.

Campaign labels are available in quantities of 50 per package by ordering through MStore.

SPECIAL SERVICE TOOL

Description	Part Number	Quantity	Notes
Crimping Tool	AKS65030	1 Kit	Includes spare connectors

An initial shipment of a Crimping Tool and a set of splice connectors was shipped to dealers prior to the campaign launch. Additional Crimping Tool kits can be ordered through M-Store.

WARRANTY CLAIM PROCESSING INFORMATION

	Repair Procedure A Mat Cover #054 only Passed Inspection, Apply electrical grease	Repair Procedure D Mat Cover #054 only Inspect, Reseat seals, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705A	J0705B
Part Number Main Cause	5555-07-013A	5555-07-013A
Part Quantity	0	0
Labor Operation Number	YY472XR1	YY472XR2
Labor Hours	0.3	0.3

	Repair Procedure C Inspect, Install Pigtail, Apply electrical grease	Repair Procedure B Inspect, Install Pigtail, Replace ABS module, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705C	J0705D
Part Number Main Cause	ZZC0-67-069 or ECY1-67-SH0 *	ECY2-67-65X or ECY2-67-65XA **
Part Quantity	1	1
Labor Operation Number	YY473XR1	YY473XR2
Labor Hours	1.4	1.7

* Note: Part Number ZZC0-67-069 has been superseded to ECY1-67-SH0. Please use the part number installed on the vehicle at time of repair.

** Note: Part Number ECY2-67-65X has been superseded to ECY2-67-65XA. Please use the part number installed on the vehicle at time of repair.

RENTAL CAR

As a reminder, owners may request information about their eligibility for a rental car. Rental car reimbursements are available only on vehicles within the mileage and time limitations under the Mazda New Vehicle Limited Warranty as stated in the Rental Car Reimbursement Program (Policy No. 12.0).

* Note: 2001, 2002 and 2003 vehicles are no longer within the time limitations. Some 2004 models may still be eligible depending on original retail date and mileage.

	Rental Agency Vehicle	Dealer Loaner Car Fleet Vehicle
Warranty Type Code	A	A
Symptom Code	99	99
Damage Code	99	99
Part Number Main Cause	5555-RE-NTAL	5555-LO-ANER
Part Quantity	0	Number of days loaner car was used Mazda pays \$35.00/day
Labor Operation Code	MM012XRX	MM012XRX
Labor Hours	0.0	0.0
Sublet – Rental Car		
Sublet Invoice Number	Number from Rental Invoice or Dealer Purchase Order	
Sublet Type Code	Enter “L”	
Sublet Amount	Up to \$30.00 per day for the number of days customer had rental car	

Rental expenses exceeding the two-day limit will require prior DCSM Authorization, as outlined in the Rental Car Reimbursement Program policy.

VERIFY THE VEHICLE NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

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

If vehicle is not within the above range, return it to inventory or the customer.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for an Authorized Campaign Label RECALL **4507C** attached to the vehicle's bulkhead.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 4507C	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 4507C CLOSED	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply to vehicle's bulkhead
RECALL 4507C 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 PROCEDURES

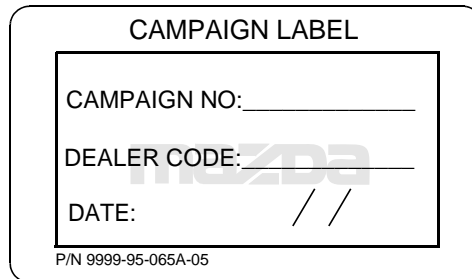
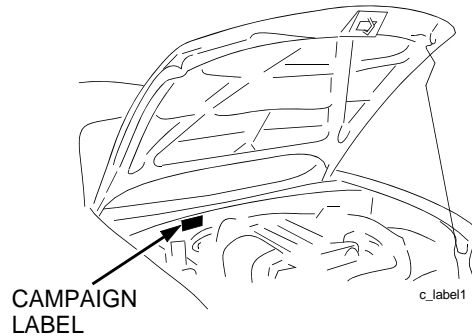
Please refer to Attachment II.

2001-2004 TRIBUTE - ABS MODULE ELECTRICAL CONNECTOR [RECALL 4507C]

A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within one of the following ranges:
 - 2001 - 2004 Tribute vehicles equipped with ABS built from April 17, 2000 through December 19, 2003
 VIN Range: 4F2*U** 1* 1K M00199 - M72183
 VIN Range: 4F2*U** 1* 2K M00002 - M66656
 VIN Range: 4F2*Z** 1* 3K M00001 - M56581
 VIN Range: 4F2*Z** 1* 4K M00004 - M34822
 - 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 Campaign Label **Recall 4507C** attached to the vehicle's bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Be sure to verify Recall number as the vehicle may have multiple Recall labels.



1326b

eMDCS System - Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
Recall 4507C OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. INSPECTION".
Recall 4507C CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a campaign label and apply it to vehicle's bulkhead.
Recall 4507C is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

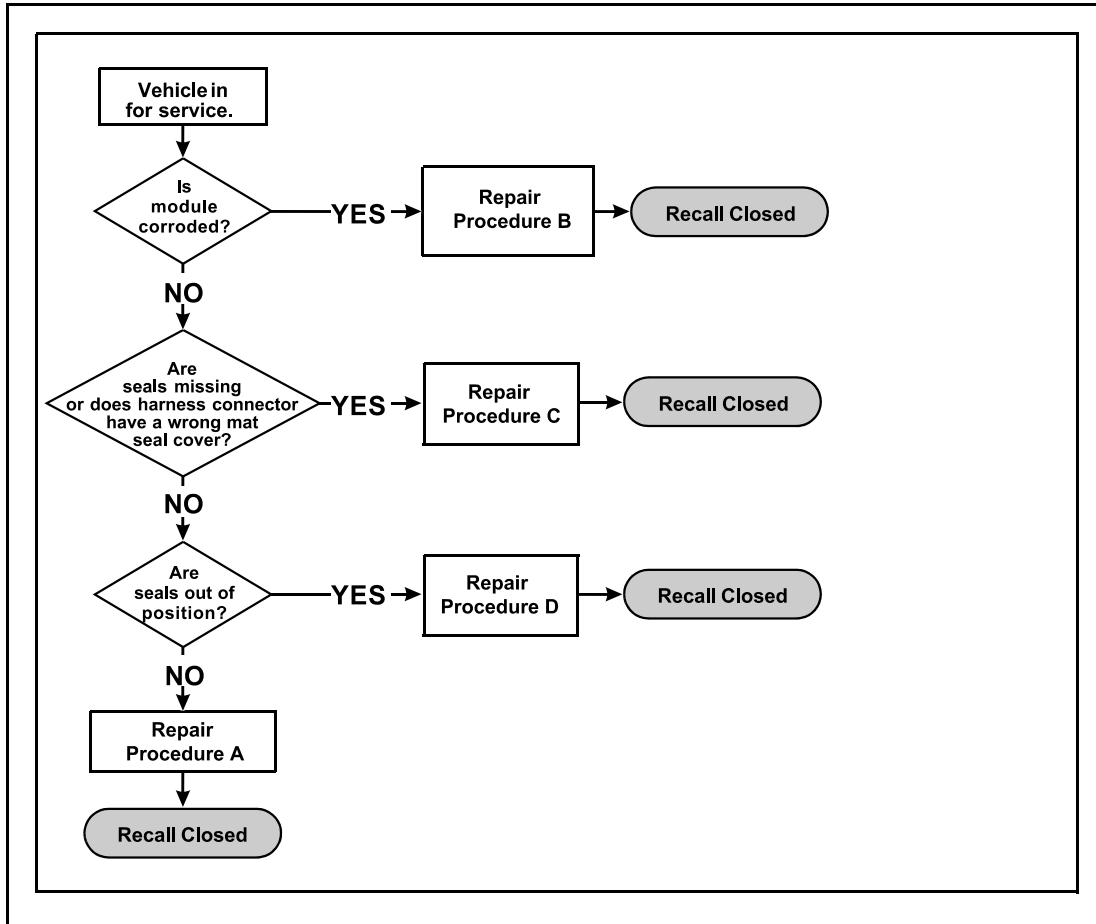
ABS MODULE CONNECTOR INSPECTION AND REPAIR OVERVIEW

This program includes making sure the wiring harness connector is properly sealed against moisture/contamination, and inspecting the ABS module for evidence of corrosion resulting from an inadequately sealed connector.

During the inspection, we expect that most of the affected vehicles will not have any evidence of corrosion in the ABS module. However, the ABS wiring harness connector still needs to be inspected for missing or improperly seated seals and/or incorrect connector number.

If the ABS module is corroded, the ABS module and connector must be replaced.

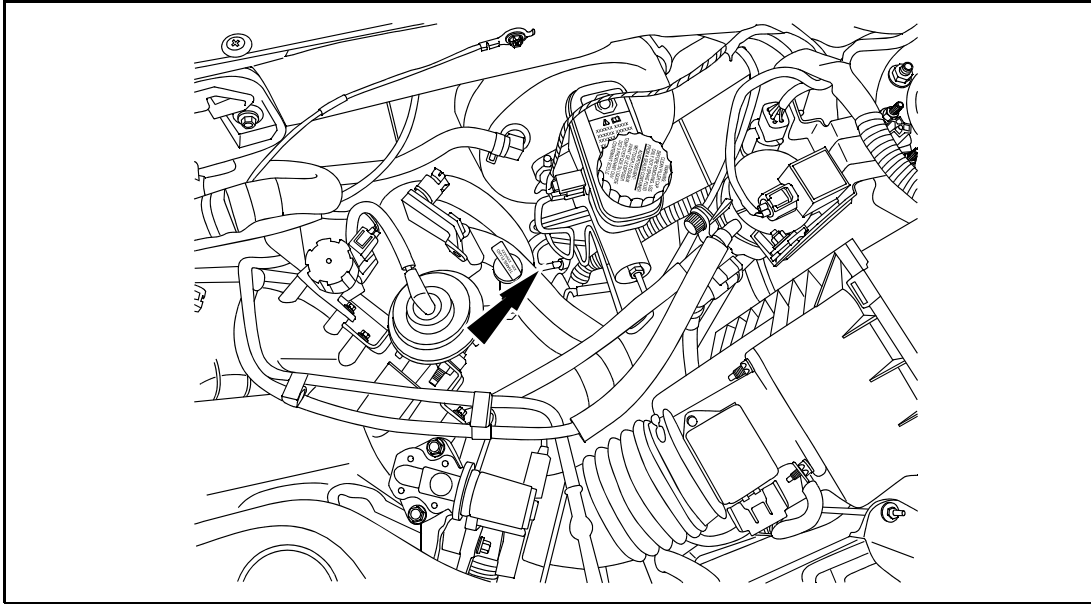
A flow chart has been developed to help direct you to the proper repair.



4507Cu

B. INSPECTION

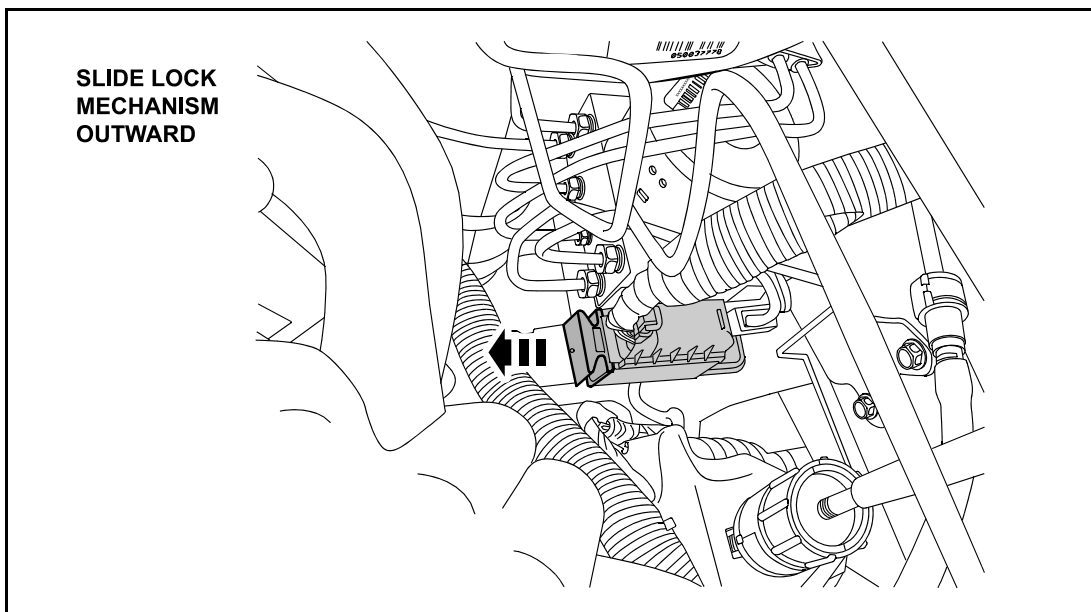
1. Record customer's pre-set radio stations.
2. Disconnect negative battery cable.
3. Locate ABS module connector under brake master cylinder.



4507Cq

4. Disconnect ABS module 25-pin connector by sliding lock mechanism out (towards passenger side of vehicle) and pulling connector off module.

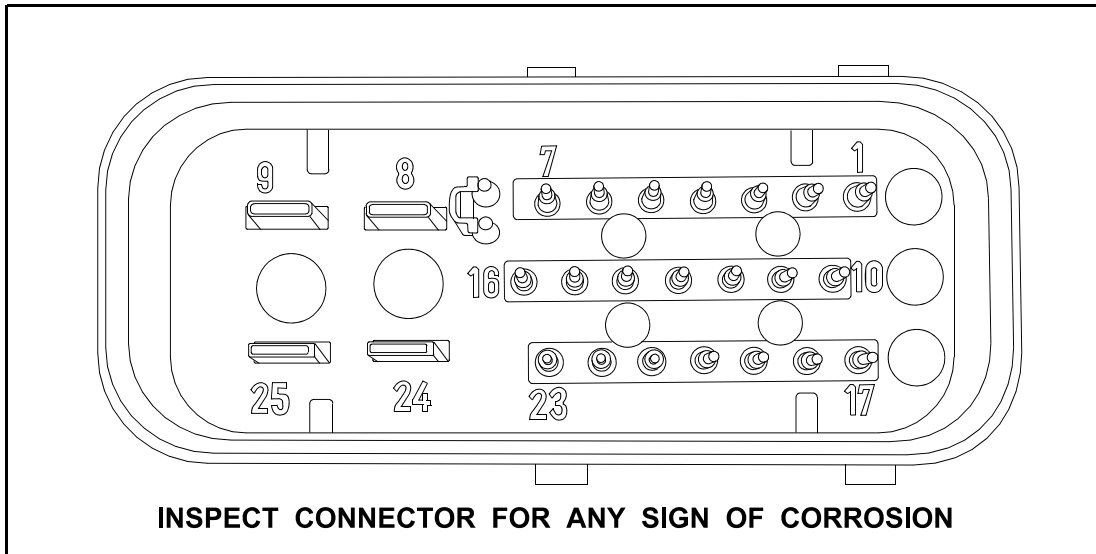
NOTE: When disconnecting the ABS module connector, be sure the blue connector lock stays engaged with the harness connector and does not remain in the module. Remove it from the module if necessary and make sure the white O-ring seal is properly installed.



4507Cr

5. Disconnect the speed sensor harness, then remove the two (2) harness retainers from the studs and position the harness above the air cleaner assembly to provide access for inspection of the connector.

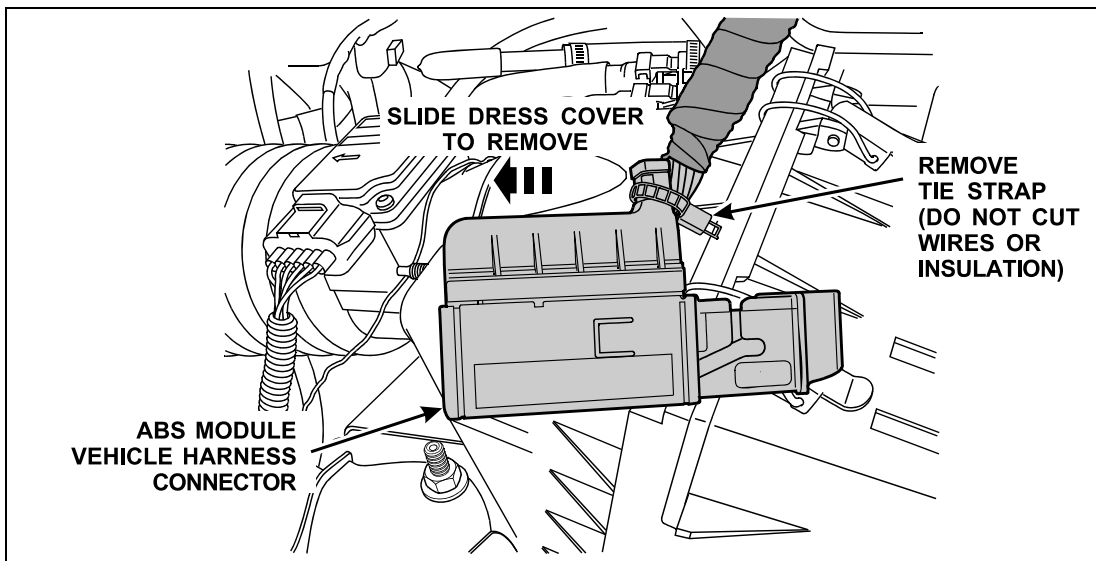
6. Inspect the ABS module connector pins for corrosion.
 - If corrosion is present, proceed to "REPAIR PROCEDURE B".



4507Cv

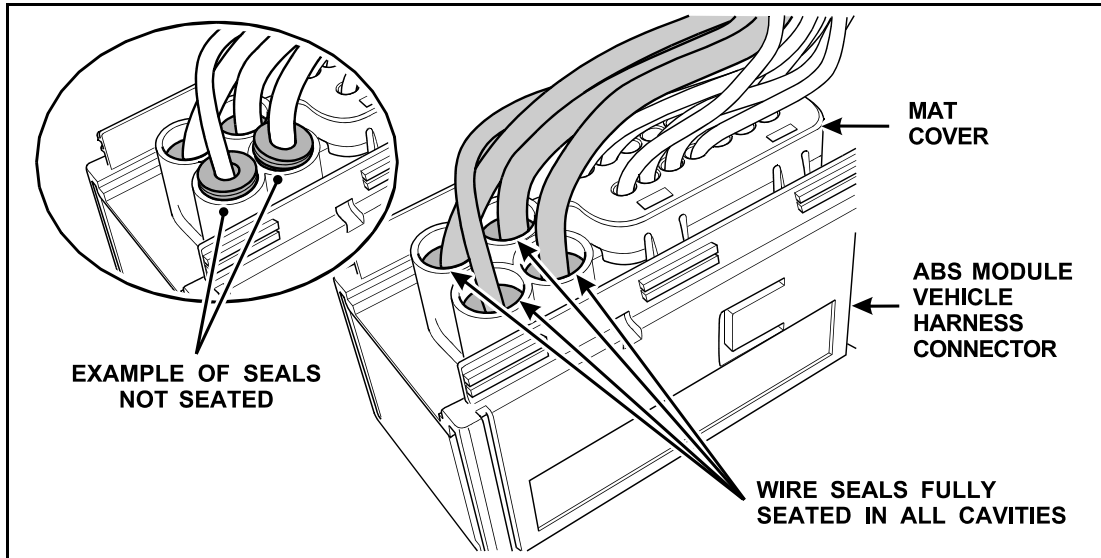
7. Remove the tie strap from the connector dress cover, then slide the cover off the connector.

CAUTION: Do not cut any of the harness wires or the wire insulation when cutting off the tie strap.



4507Cc

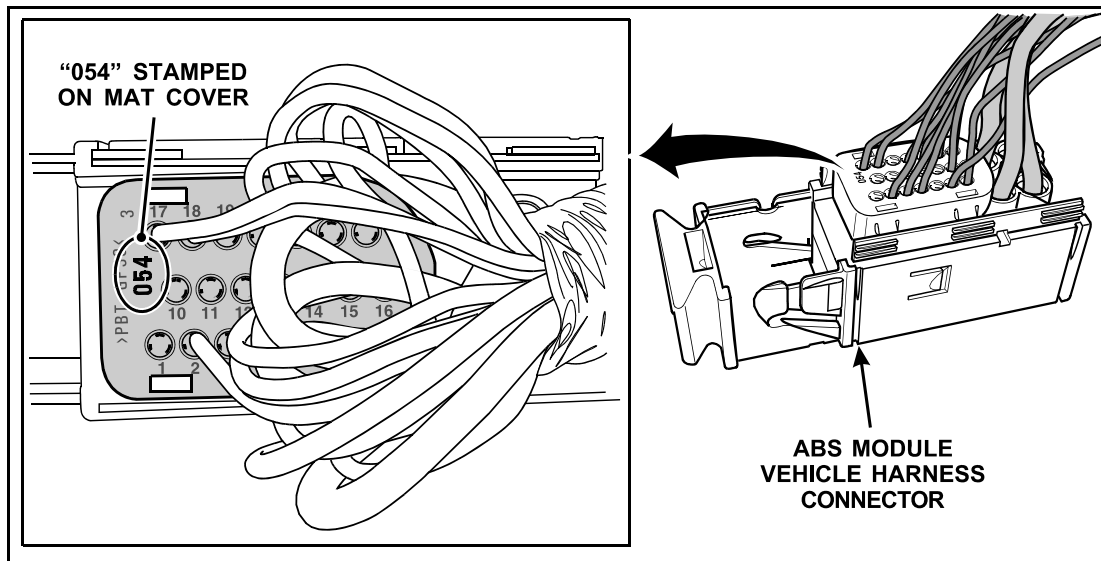
8. Verify the wire seals are present on the four (4) heavier gauge wires.



4507Ce

9. Verify the number “054” is stamped on the slide-lock end of the mat cover (wipe mat cover clean if necessary to view).

NOTE: Mat covers with any other number will be missing plugs in the unused pin locations.



4507Cd

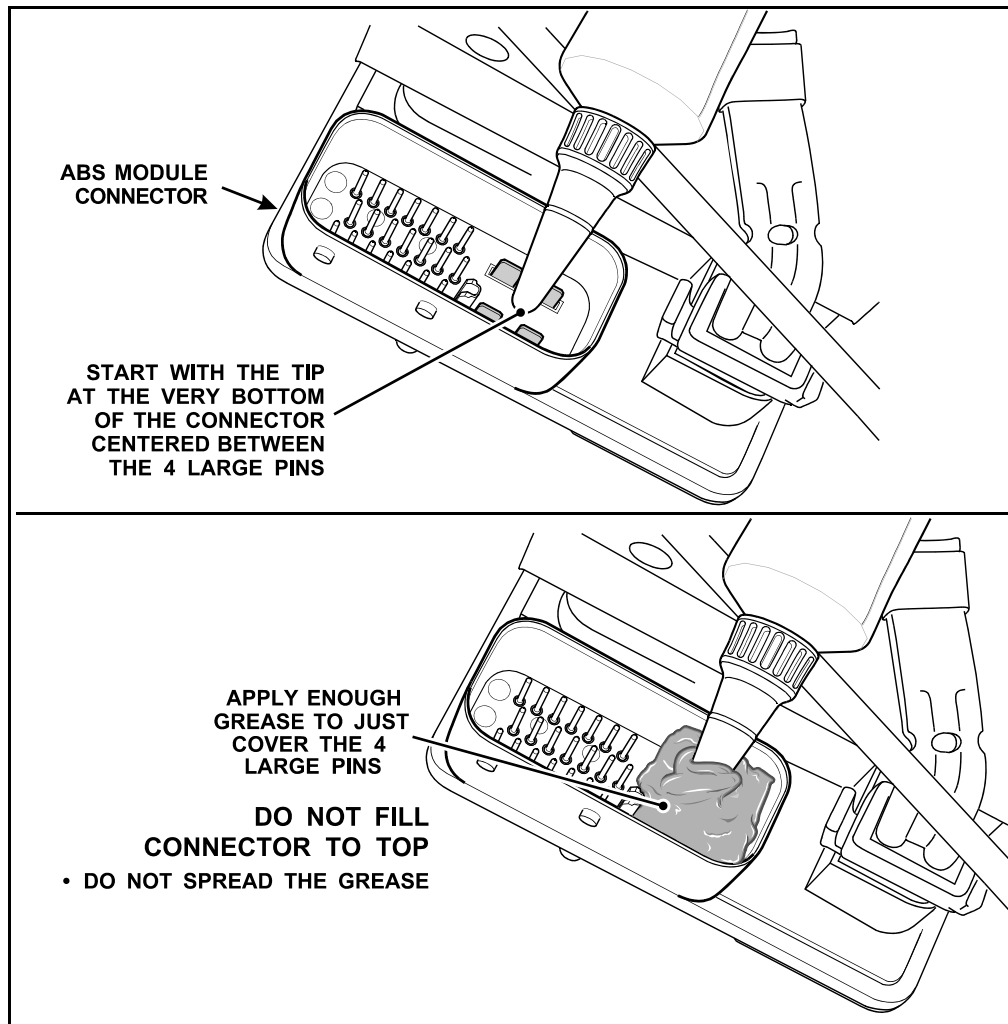
- If the module is not corroded, **AND** all the wire seals are present, **AND** all the wire seals are fully seated, **AND** the number on the mat cover is “054”, proceed to “REPAIR PROCEDURE A”.
- If any of the wire seals are missing, **OR** if the number on the mat cover is not “054”, proceed to “REPAIR PROCEDURE C”.
- Verify all four (4) heavier gauge wire seals are fully seated in the cavities. Each seal should sit approximately 1-2 mm (1/16 in) below the top of the round cavity. If any of the wire seals are not seated properly, proceed to “REPAIR PROCEDURE D”.

REPAIR PROCEDURE A

1. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:

- a) Reinstall dress cover.
 - b) Use ONLY dielectric grease.
- With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to just cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a "hydro lock" condition which will not allow the connector to fully seat or lock in place.



4507Ch

2. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
3. Reconnect negative battery cable.

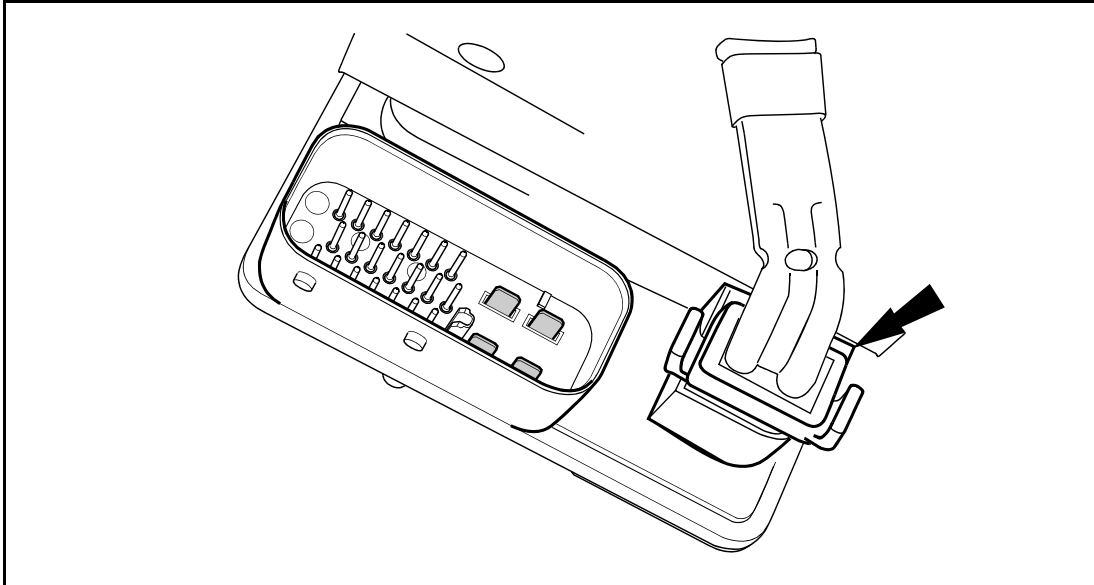
ATTACHMENT II

4. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
5. Re-enter customer's radio pre-set stations and proceed to "C. CAMPAIGN LABEL INSTALLATION".

REPAIR PROCEDURE B**PROCEDURE TO REPLACE ABS MODULE**

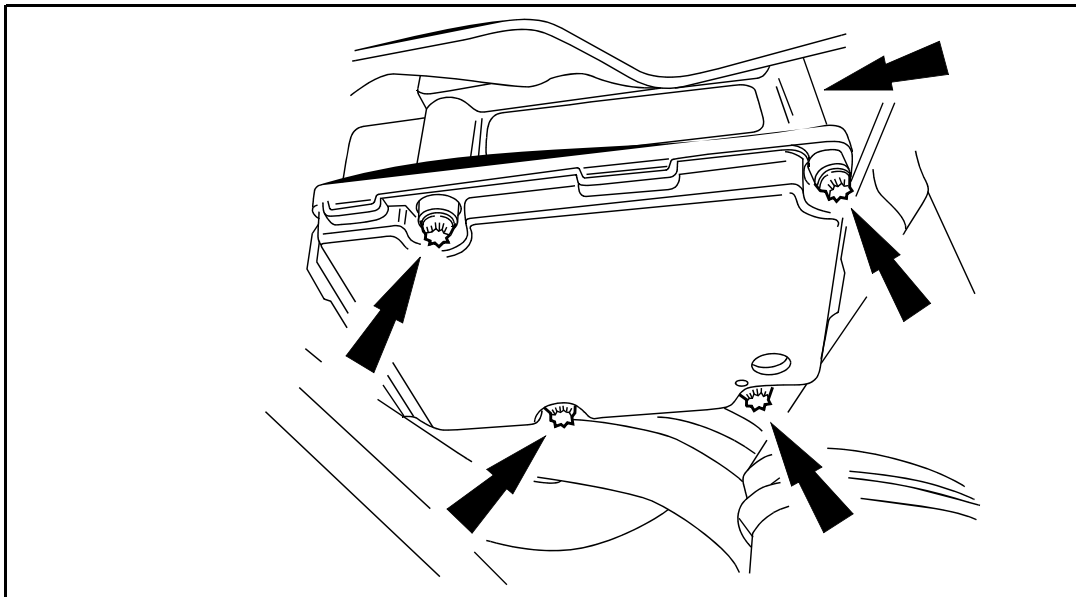
NOTE: Module configuration or reprogramming is not required when installing a new ABS module.

1. Disconnect the 2-wire electrical connector at the ABS module.



4507Cs

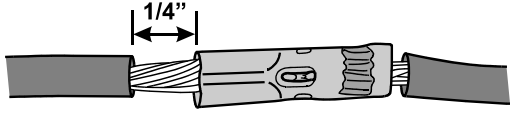

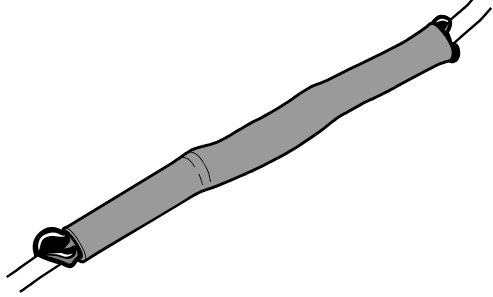
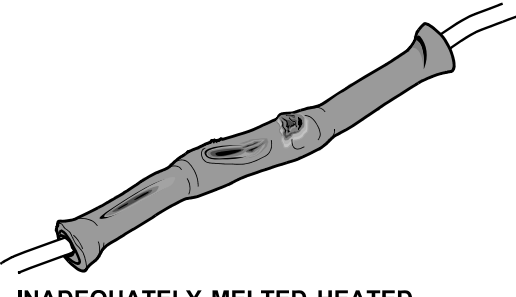
2. Safely raise the vehicle on a hoist, then remove the four (4) ABS module screws and the ABS module.



4507Ct

3. Position the new module and install the bolts.
Tightening torque: No more than 18 in-lbf. (2 Nm)
4. Lower vehicle on hoist and reconnect 2-wire connector to the ABS module.
5. Proceed to "PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR".

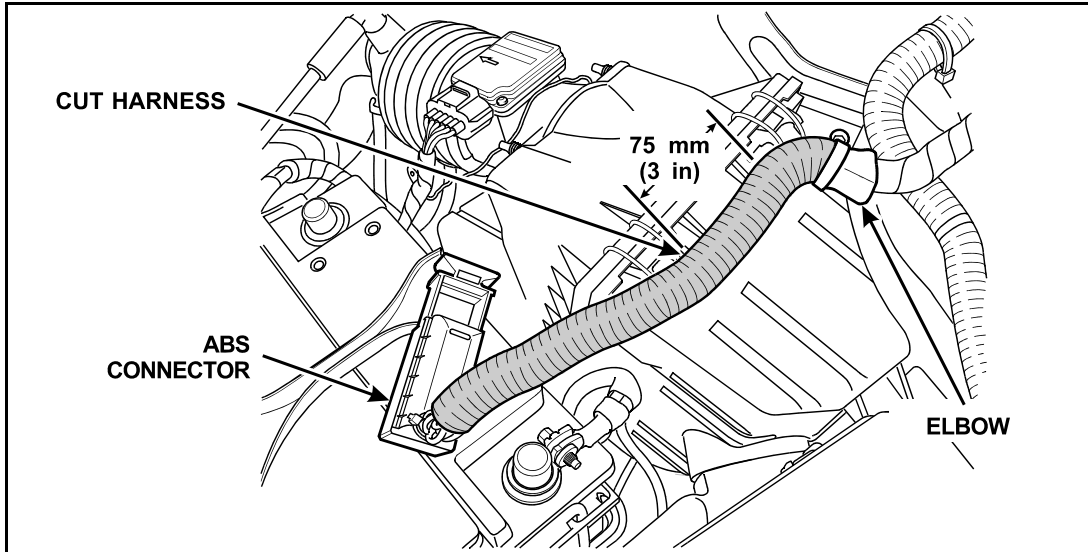
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

 <p>CORRECT CRIMP USING CRIMP TOOL</p> <ul style="list-style-type: none"> • Wires crimped very securely. • No loose or broken wires. • Splice connector intact. 	 <p>INADEQUATE CRIMP USING IMPROPER TOOL</p> <ul style="list-style-type: none"> • Broken splice connector. • Possible loose connection.
 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED HEAT SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507CI

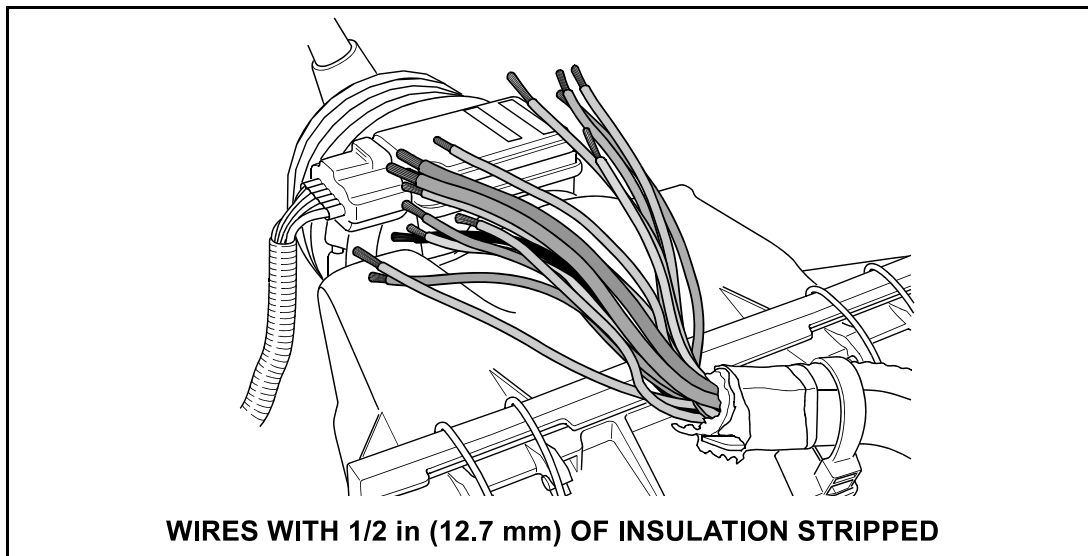
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

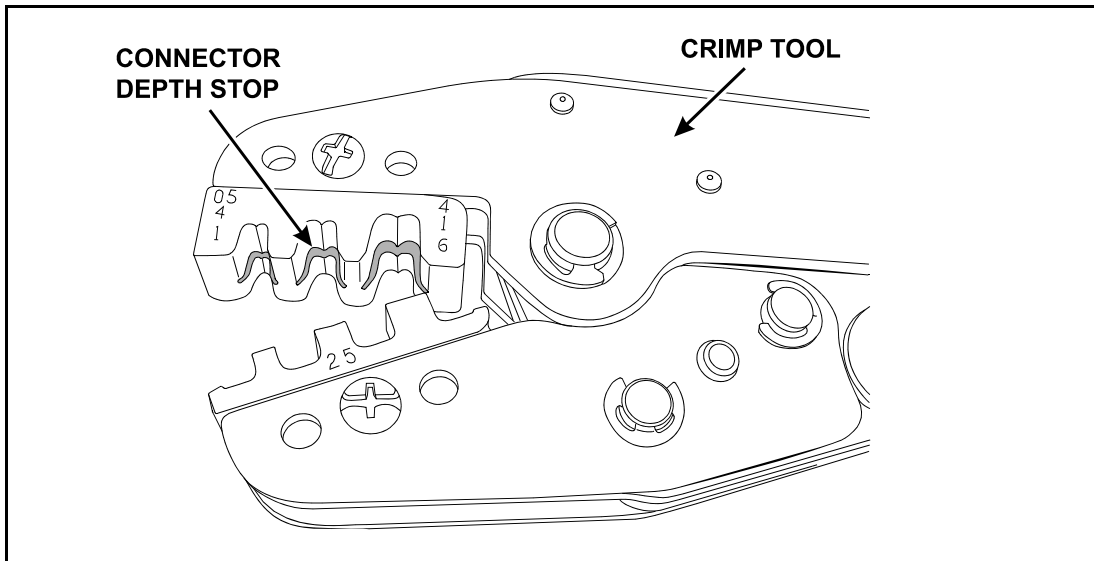
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

NOTE:

- The harness contains two (2) black wires of the same size. Both are grounds (circuit 57). Crossing these wires has no adverse effect on vehicle operation.
- The service pigtail kit contains the connector with wires matching color and size of the original vehicle harness, three (3) different sizes of butt splice connectors for the different wire sizes and a piece of heat shrink tubing to cover each splice.

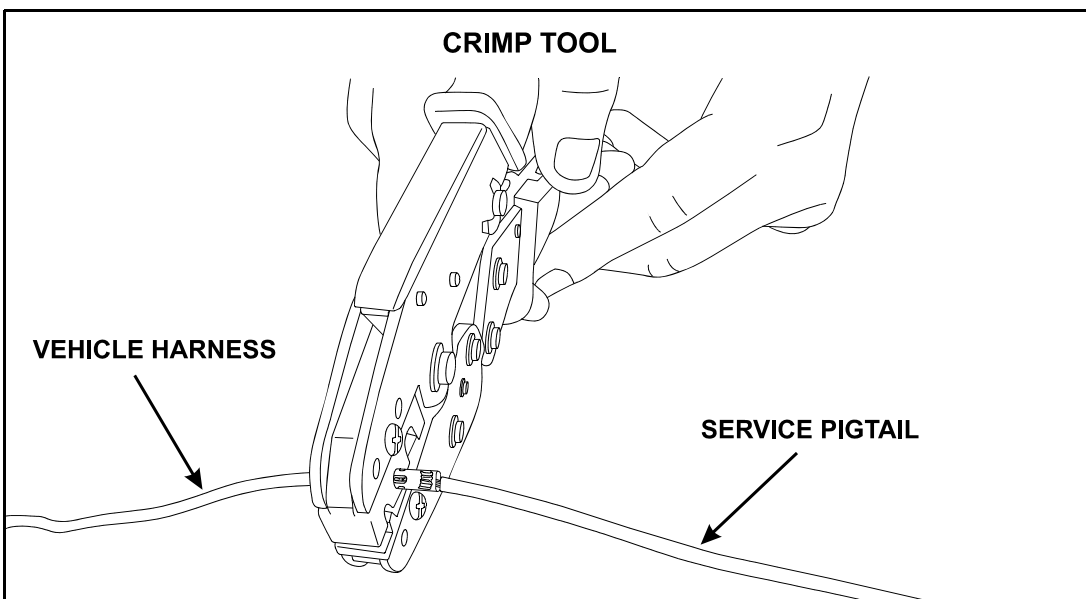
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



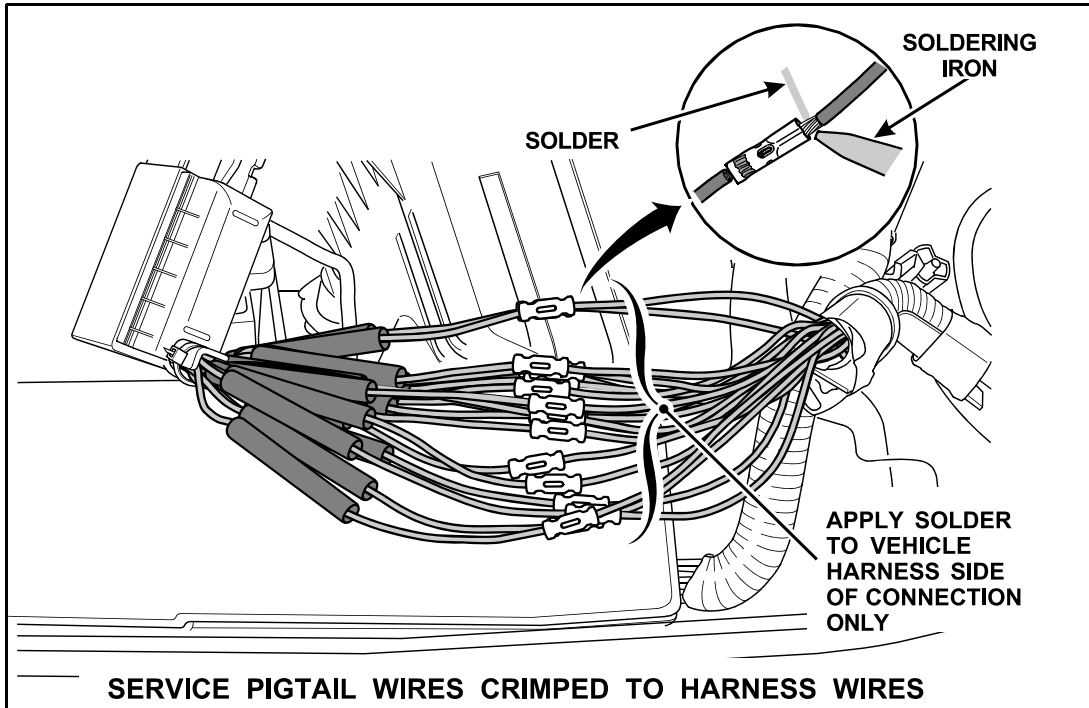
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

- Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

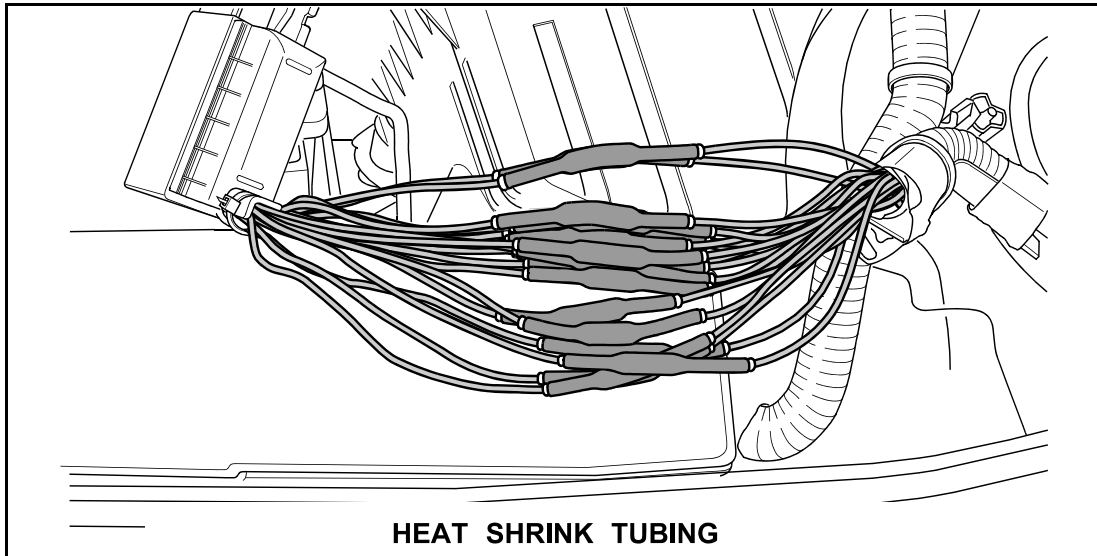


4507CI

- After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

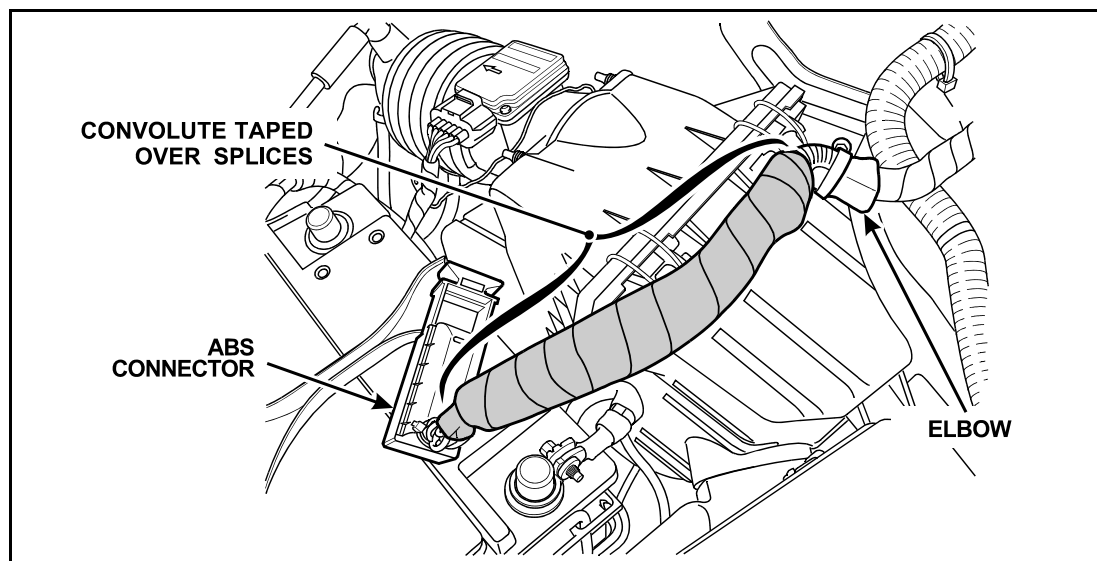
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

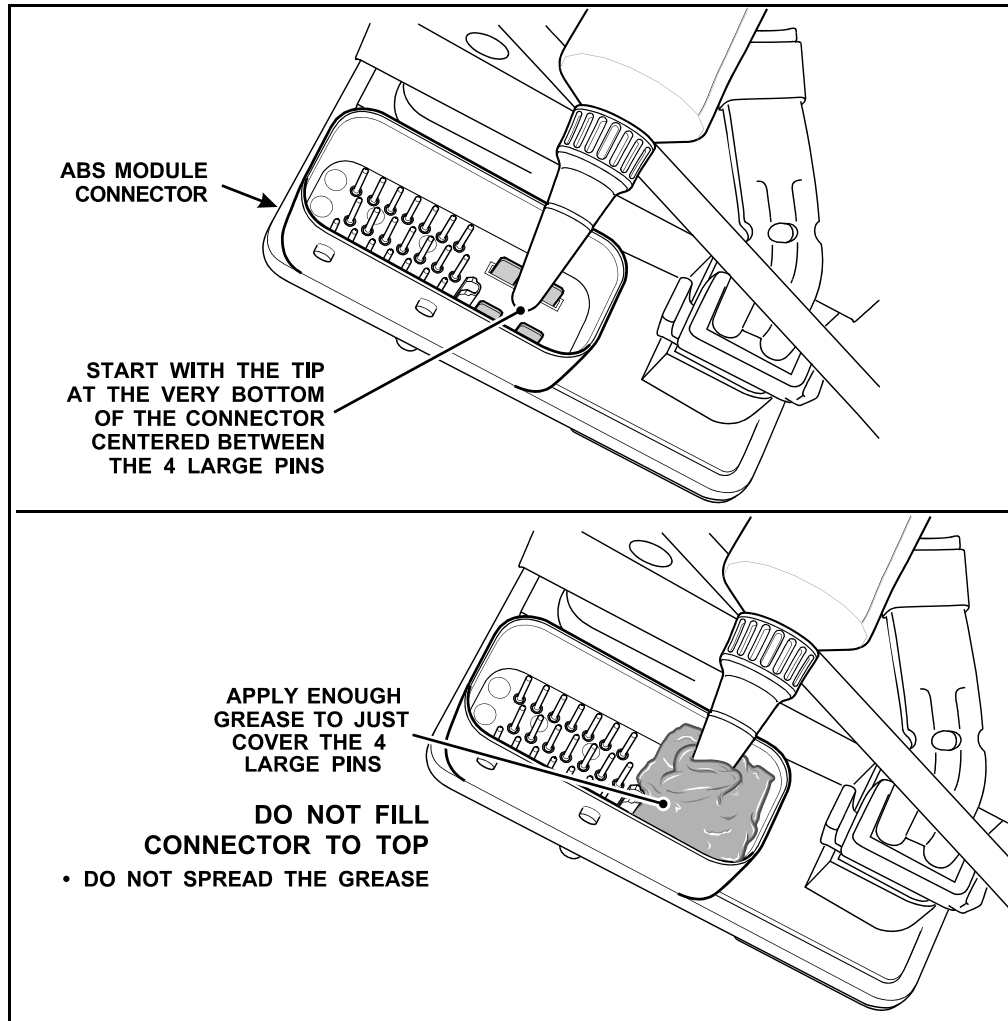
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
- a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.

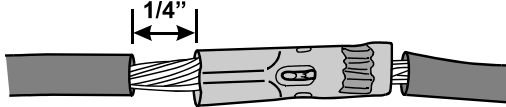

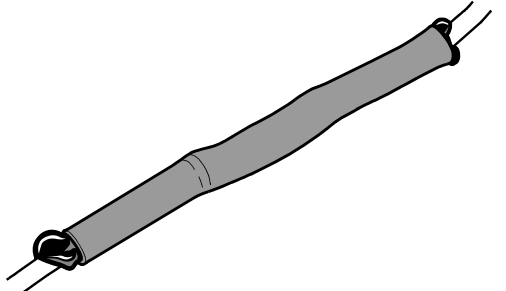
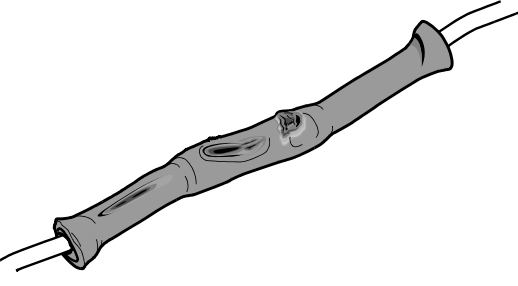


4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE C

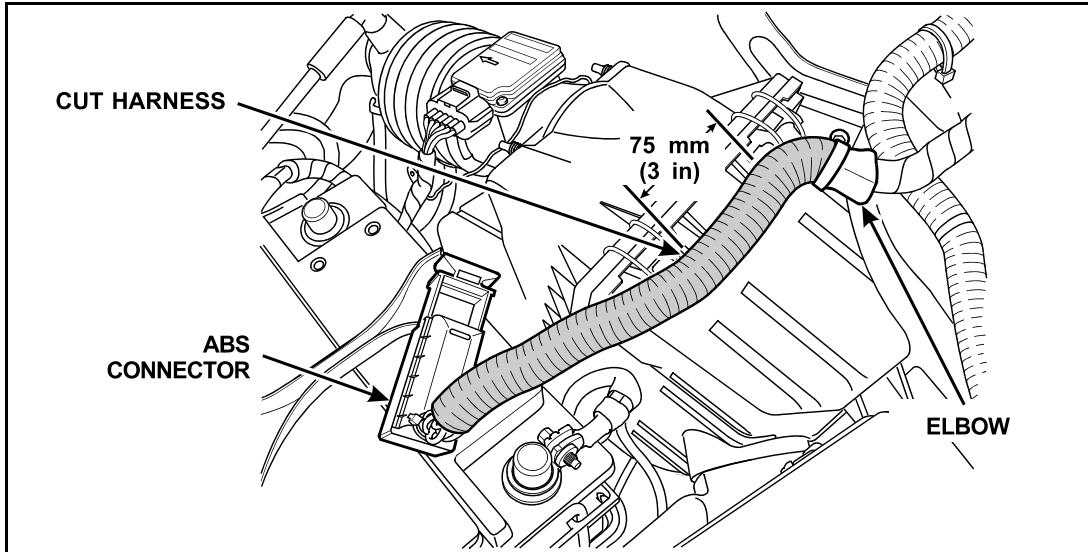
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

 <p>CORRECT CRIMP USING CRIMP TOOL</p> <ul style="list-style-type: none"> • Wires crimped very securely. • No loose or broken wires. • Splice connector intact. 	 <p>INADEQUATE CRIMP USING IMPROPER TOOL</p> <ul style="list-style-type: none"> • Broken splice connector. • Possible loose connection.
 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507C1

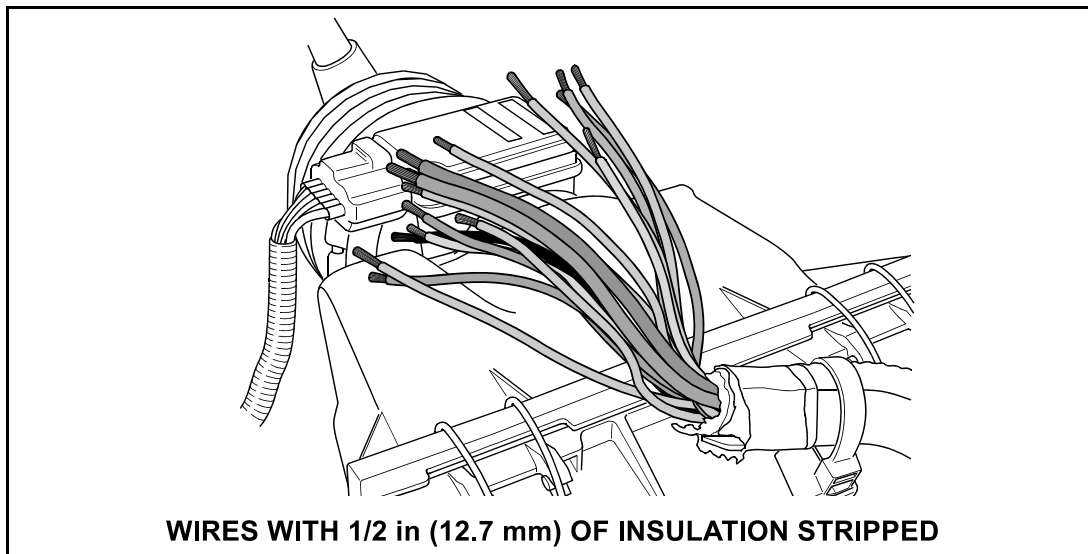
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

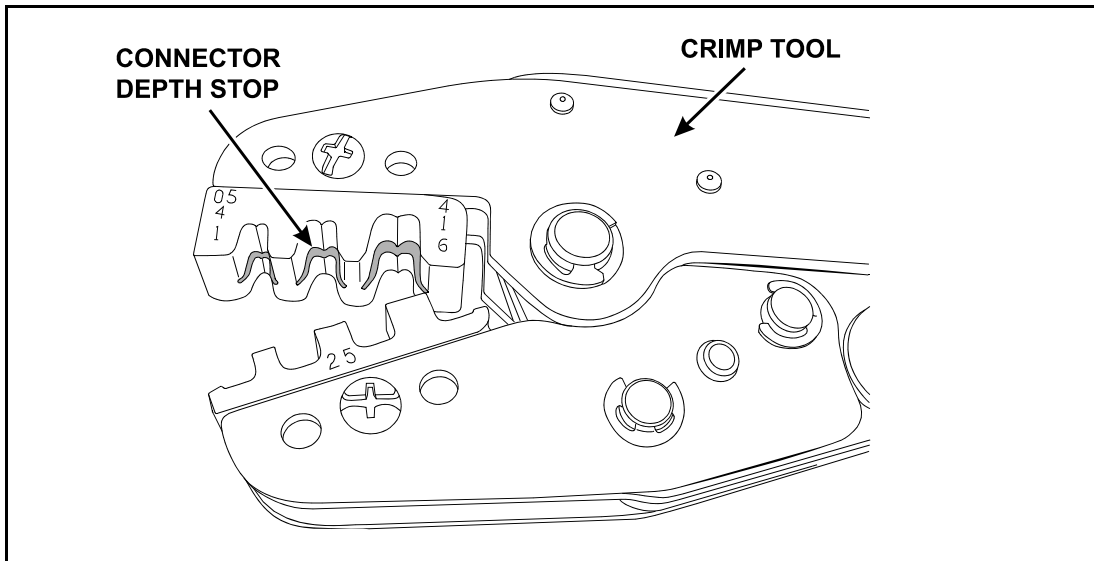
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

NOTE:

- The harness contains two (2) black wires of the same size. Both are grounds (circuit 57). Crossing these wires has no adverse effect on vehicle operation.
- The service pigtail kit contains the connector with wires matching color and size of the original vehicle harness, three (3) different sizes of butt splice connectors for the different wire sizes and a piece of heat shrink tubing to cover each splice.

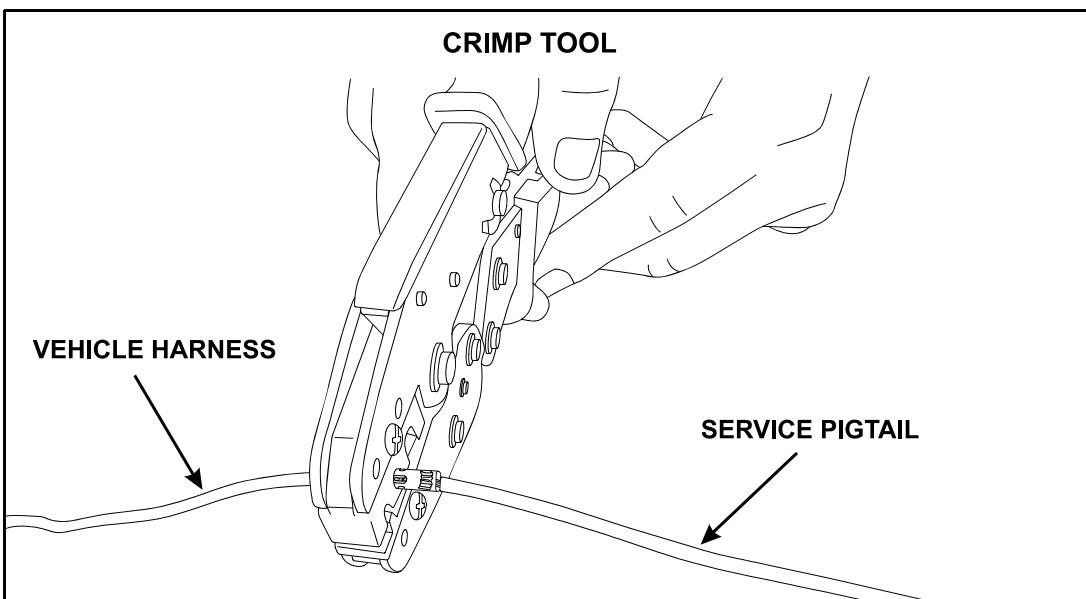
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



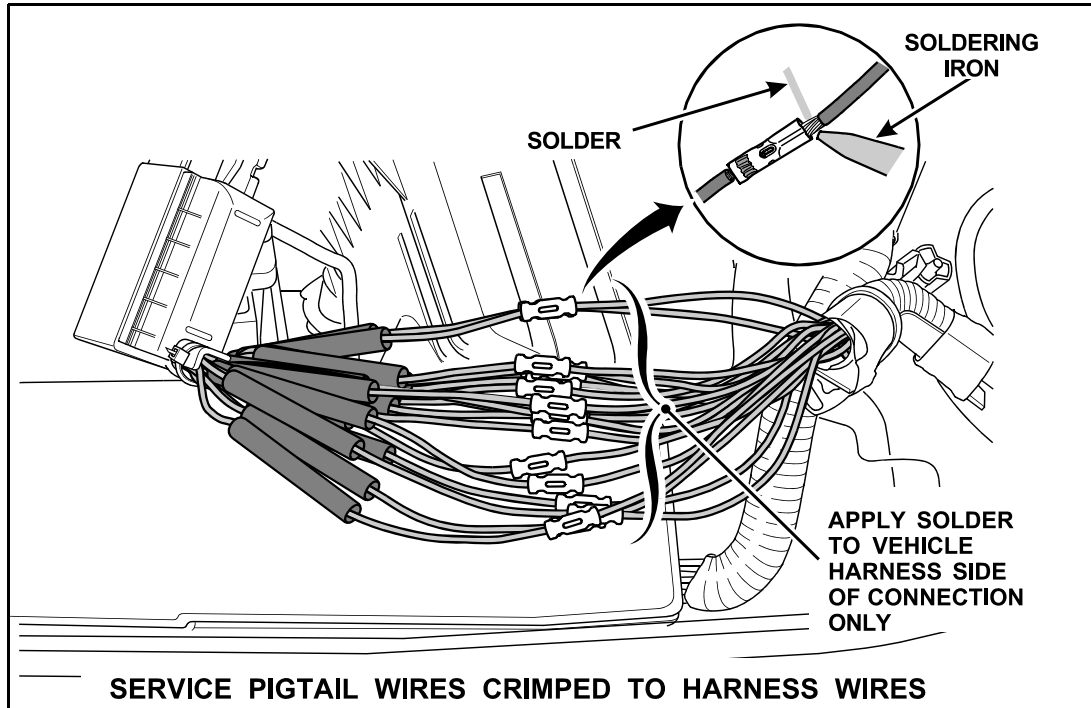
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

- Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

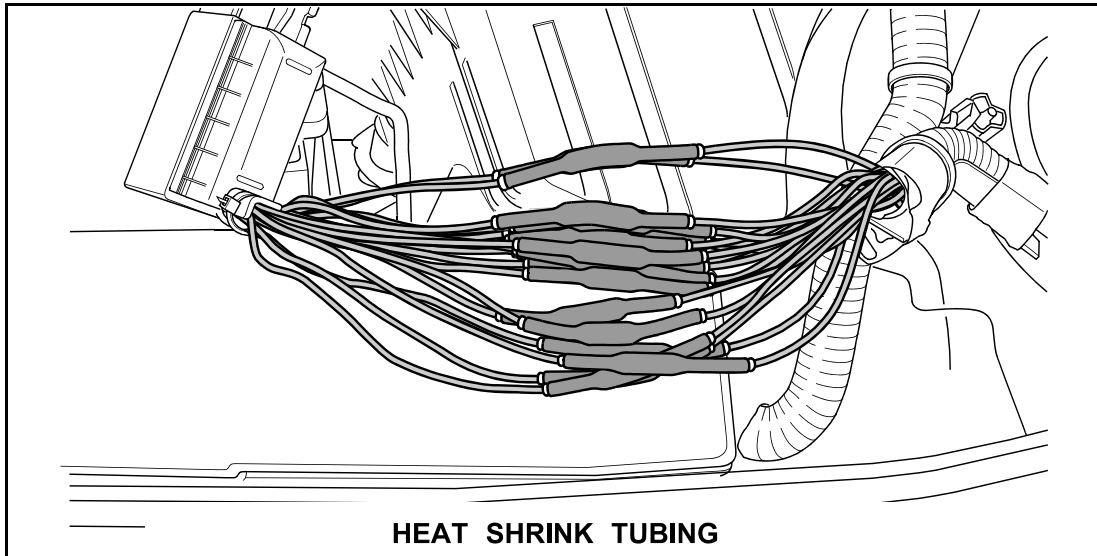


4507CI

- After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

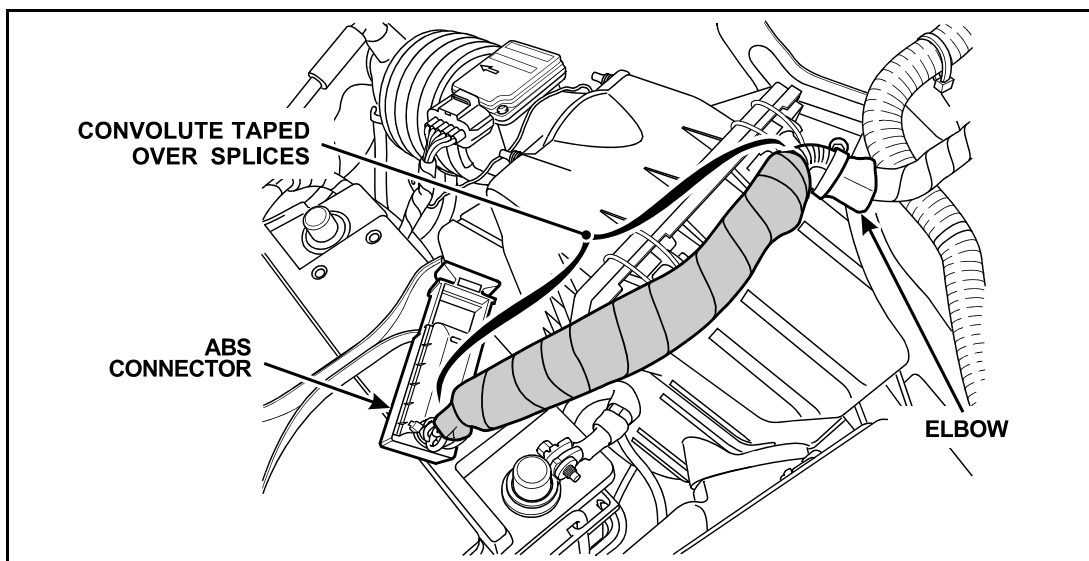
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

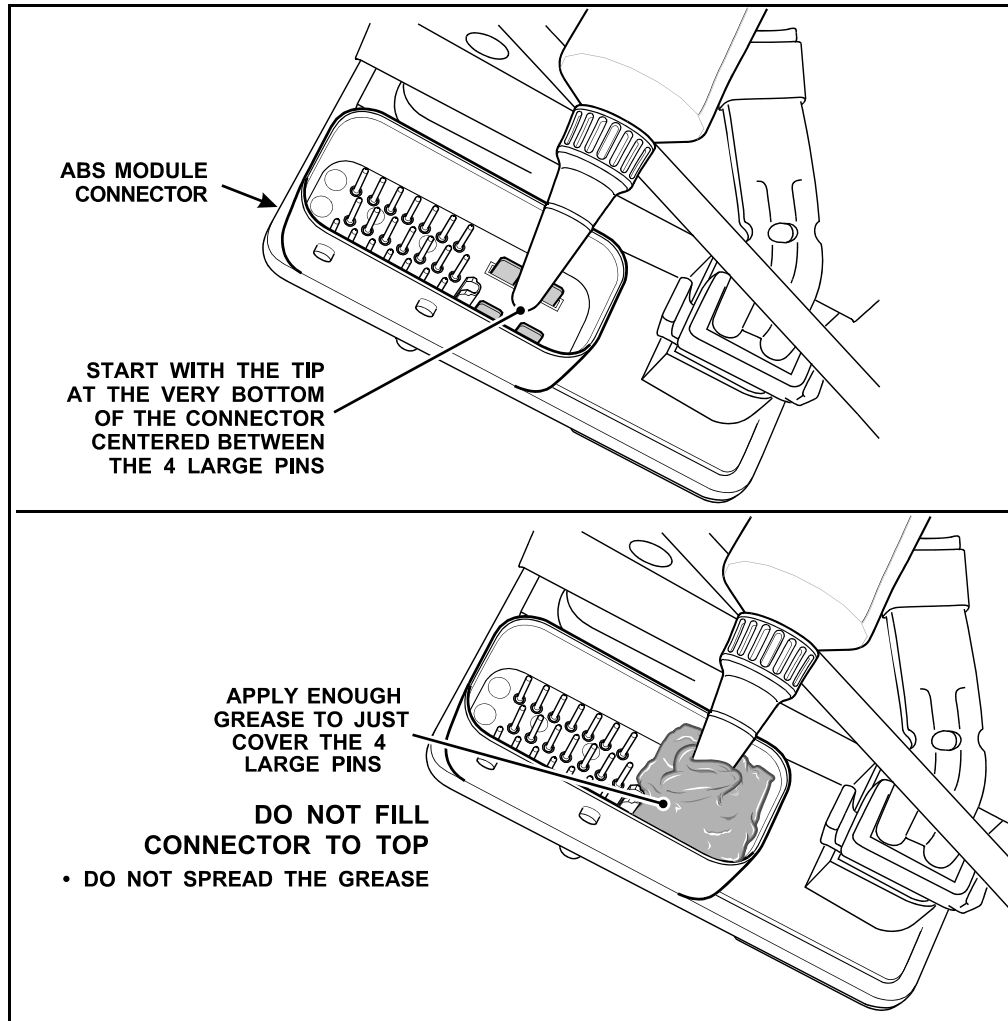
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
 - a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



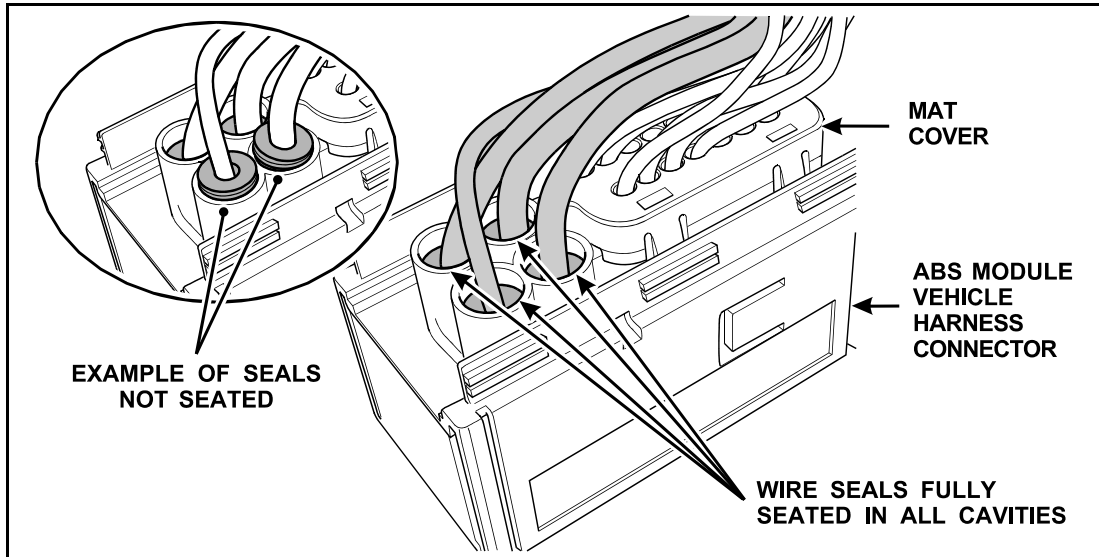
4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE D

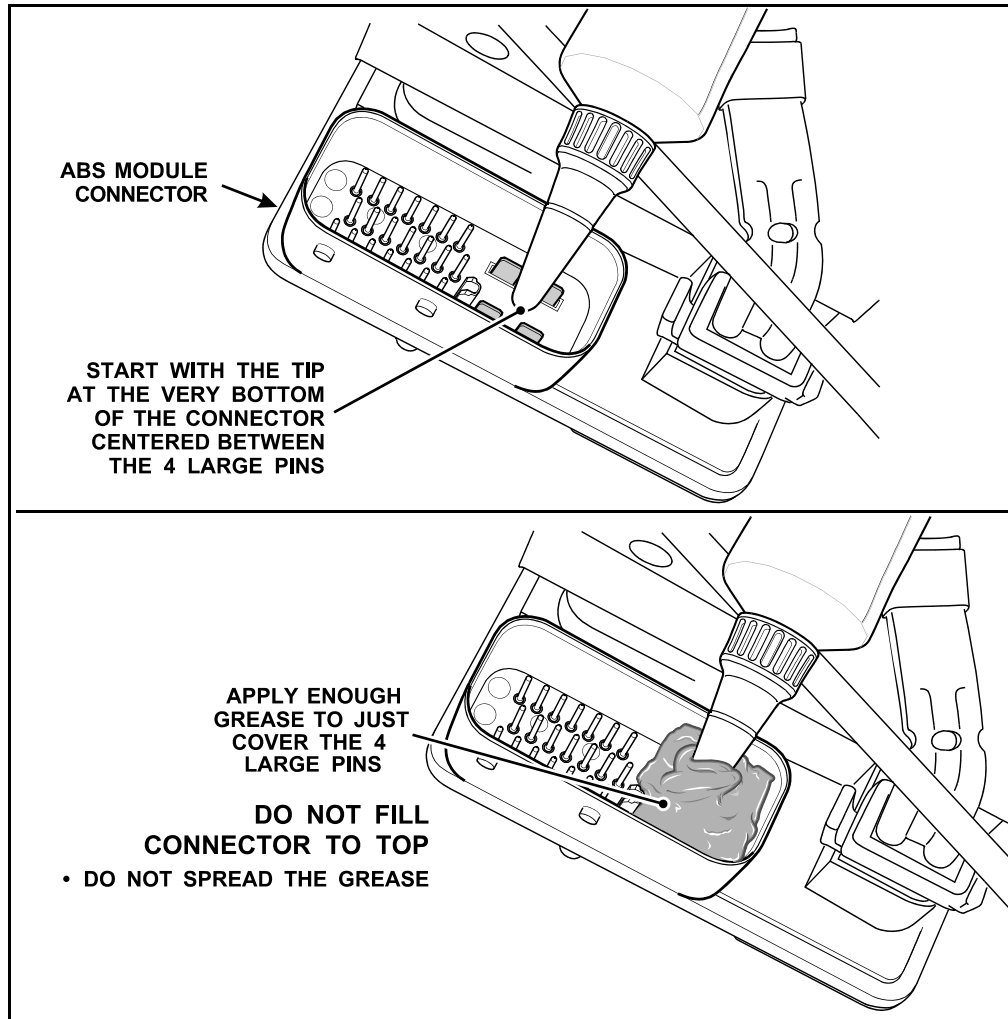
1. If the seals are not fully seated, reseat any seals not fully seated with a blunt tool.

NOTE: DO NOT use anything sharp such as a screwdriver, awl or punch that could penetrate the seal and allow moisture to enter the terminal.



2. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
 - a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



4507Ch

3. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
4. Reconnect negative battery cable.
5. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
6. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

C. CAMPAIGN LABEL INSTALLATION

Complete a “Campaign Label” with the Recall 4507C written on the sticker and affix it to the vehicle’s bulkhead. Refer to illustration under “A. VEHICLE INSPECTION PROCEDURE”.



August 2008

**2001 – 2004 Mazda Tribute Anti-Lock Brake System (ABS) Voluntary Safety Recall 4507C
RENOTIFICATION**

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 August 4, 2008 your vehicle has not had the necessary recall inspection and/or repairs completed. There is a possibility that on certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) Module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light and, in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

Your Mazda dealer will inspect the wiring harness connector to the ABS module for missing or dislodged wire seals and repair or replace the harness connector as appropriate. Your dealer will also inspect the ABS module and replace it if its connector is corroded or damaged. These repairs will be performed **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 Tribute, 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



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

DATE: May 2009

SUBJECT: 2001-2004 Mazda Tribute Anti-Lock Brake System Voluntary Safety Recall 4507C
RENOTIFICATION

Mazda Motor Corporation has decided to renotify customers that have not responded to the 2001-2004 Mazda Tribute Anti-Lock Brake System Voluntary Safety Recall 4507C. Owners of subject vehicles will be asked to return their vehicles to a Mazda dealer for inspection and repair as needed. The renotification letters will be mailed to the owners on June 3, 2009.

Mazda Motor Corporation has decided to conduct a Voluntary Safety Recall on certain 2001-2004 Mazda Tribute vehicles equipped with Anti-Lock Brake System (ABS) and produced from April 17, 2000 through December 19, 2003.

On certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

The purpose of this campaign is to verify that no corrosion exists in the ABS module connector. In addition, the ABS wiring harness connector must be inspected for missing or dislodged wire seals. It is anticipated that approximately 97% the affected vehicles will pass these inspections.

This package contains important information about Voluntary Safety Recall **4507C**:

Attachment I	Dealer Service and Parts information
Attachment II	Repair procedures
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.

In California, privacy laws prevent the release of names and addresses on this report.

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 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light, and in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

Note: The asterisk symbol “*” can be any letter or number.

OWNER NOTIFICATION

3rd Notification: June 3, 2009
2nd Notification: August 21, 2008
Original Notification: May 9, 2007

PARTS INFORMATION

Description	Part Number	Quantity	Notes
Electrical Contact Grease (e.g. Dielectric Grease)	Obtain Locally		One 3-oz tube will service at least 8 vehicles
ABS Module	ECY2-67-65XA	1	Part No. ECY2-67-65X superseded to ECY2-67-65XA
Service Pigtail Kit	ECY1-67-SH0	1	Part No. ZYC0-67-069 superseded to ECY1-67-SH0
Campaign Label	9999-95-065A-05	1=50 labels	Mstore (no charge)

PARTS ORDERING

Parts can be ordered through the eMDCS Parts Ordering System.

Campaign labels are available in quantities of 50 per package by ordering through MStore.

SPECIAL SERVICE TOOL

Description	Part Number	Quantity	Notes
Crimping Tool	AKS65030	1 Kit	Includes spare connectors

An initial shipment of a Crimping Tool and a set of splice connectors was shipped to dealers prior to the campaign launch. Additional Crimping Tool kits can be ordered through M-Store.

WARRANTY CLAIM PROCESSING INFORMATION

	Repair Procedure A Mat Cover #054 only Passed Inspection, Apply electrical grease	Repair Procedure D Mat Cover #054 only Inspect, Reseat seals, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705A	J0705B
Part Number Main Cause	5555-07-013A	5555-07-013A
Part Quantity	0	0
Labor Operation Number	YY472XR1	YY472XR2
Labor Hours	0.3	0.3

	Repair Procedure C Inspect, Install Pigtail, Apply electrical grease	Repair Procedure B Inspect, Install Pigtail, Replace ABS module, Apply electrical grease
Warranty Type Code	R	R
Symptom Code	99	99
Damage Code	99	99
Process Number	J0705C	J0705D
Part Number Main Cause	ZZC0-67-069 or ECY1-67-SH0 *	ECY2-67-65X or ECY2-67-65XA **
Part Quantity	1	1
Labor Operation Number	YY473XR1	YY473XR2
Labor Hours	1.4	1.7

* Note: Part Number ZZC0-67-069 has been superseded to ECY1-67-SH0. Please use the part number installed on the vehicle at time of repair.

** Note: Part Number ECY2-67-65X has been superseded to ECY2-67-65XA. Please use the part number installed on the vehicle at time of repair.

RENTAL CAR

As a reminder, owners may request information about their eligibility for a rental car. Rental car reimbursements are available only on vehicles within the mileage and time limitations under the Mazda New Vehicle Limited Warranty as stated in the Rental Car Reimbursement Program (Policy No. 12.0).

* Note: 2001, 2002 and 2003 vehicles are no longer within the time limitations. Some 2004 models may still be eligible depending on original retail date and mileage.

	Rental Agency Vehicle	Dealer Loaner Car Fleet Vehicle
Warranty Type Code	A	A
Symptom Code	99	99
Damage Code	99	99
Part Number Main Cause	5555-RE-NTAL	5555-LO-ANER
Part Quantity	0	Number of days loaner car was used Mazda pays \$35.00/day
Labor Operation Code	MM012XRX	MM012XRX
Labor Hours	0.0	0.0
Sublet – Rental Car		
Sublet Invoice Number	Number from Rental Invoice or Dealer Purchase Order	
Sublet Type Code	Enter “L”	
Sublet Amount	Up to \$30.00 per day for the number of days customer had rental car	

Rental expenses exceeding the two-day limit will require prior DCSM Authorization, as outlined in the Rental Car Reimbursement Program policy.

VERIFY THE VEHICLE NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2001-2004 Mazda Tribute with ABS	4F2*U** 1* 1K M00199 – M72183 4F2*U** 1* 2K M00002 – M66656 4F2*Z** 1* 3K M00001 – M56581 4F2*Z** 1* 4K M00004 – M34822	Vehicles produced from April 17, 2000 through December 19, 2003

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

If vehicle is not within the above range, return it to inventory or the customer.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for an Authorized Campaign Label RECALL **4507C** attached to the vehicle's bulkhead.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 4507C	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 4507C CLOSED	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply to vehicle's bulkhead
RECALL 4507C 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 PROCEDURES

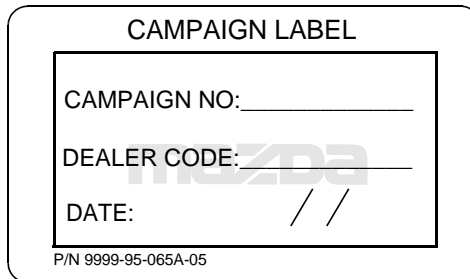
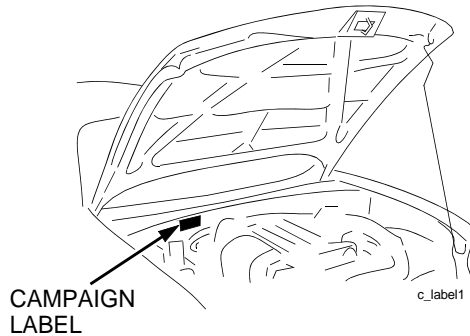
Please refer to Attachment II.

2001-2004 TRIBUTE - ABS MODULE ELECTRICAL CONNECTOR [RECALL 4507C]

A. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within one of the following ranges:
 - 2001 - 2004 Tribute vehicles equipped with ABS built from April 17, 2000 through December 19, 2003
 VIN Range: 4F2*U** 1* 1K M00199 - M72183
 VIN Range: 4F2*U** 1* 2K M00002 - M66656
 VIN Range: 4F2*Z** 1* 3K M00001 - M56581
 VIN Range: 4F2*Z** 1* 4K M00004 - M34822
 - 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 Campaign Label **Recall 4507C** attached to the vehicle's bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Be sure to verify Recall number as the vehicle may have multiple Recall labels.



1326b

eMDCS System - Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
Recall 4507C OPEN	Present	Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history.
	Not present	Proceed to "B. INSPECTION".
Recall 4507C CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a campaign label and apply it to vehicle's bulkhead.
Recall 4507C is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

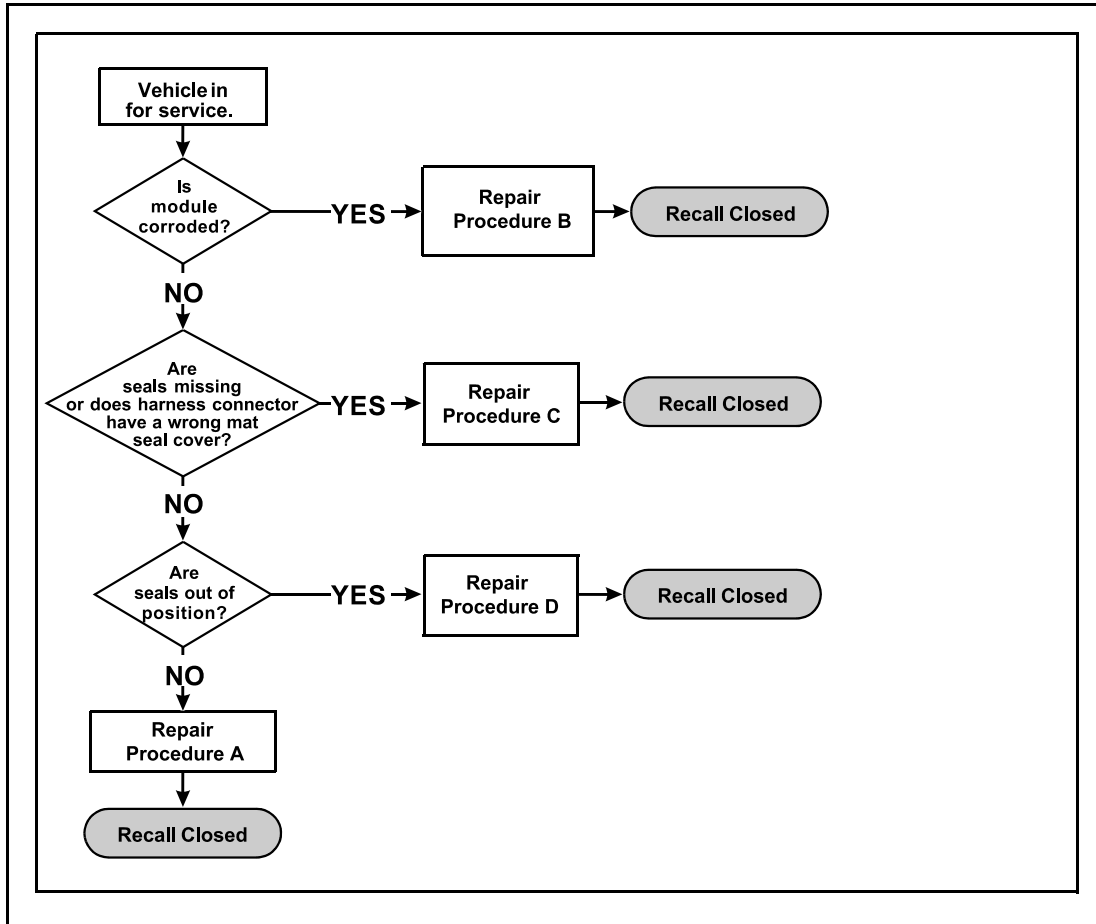
ABS MODULE CONNECTOR INSPECTION AND REPAIR OVERVIEW

This program includes making sure the wiring harness connector is properly sealed against moisture/contamination, and inspecting the ABS module for evidence of corrosion resulting from an inadequately sealed connector.

During the inspection, we expect that most of the affected vehicles will not have any evidence of corrosion in the ABS module. However, the ABS wiring harness connector still needs to be inspected for missing or improperly seated seals and/or incorrect connector number.

If the ABS module is corroded, the ABS module and connector must be replaced.

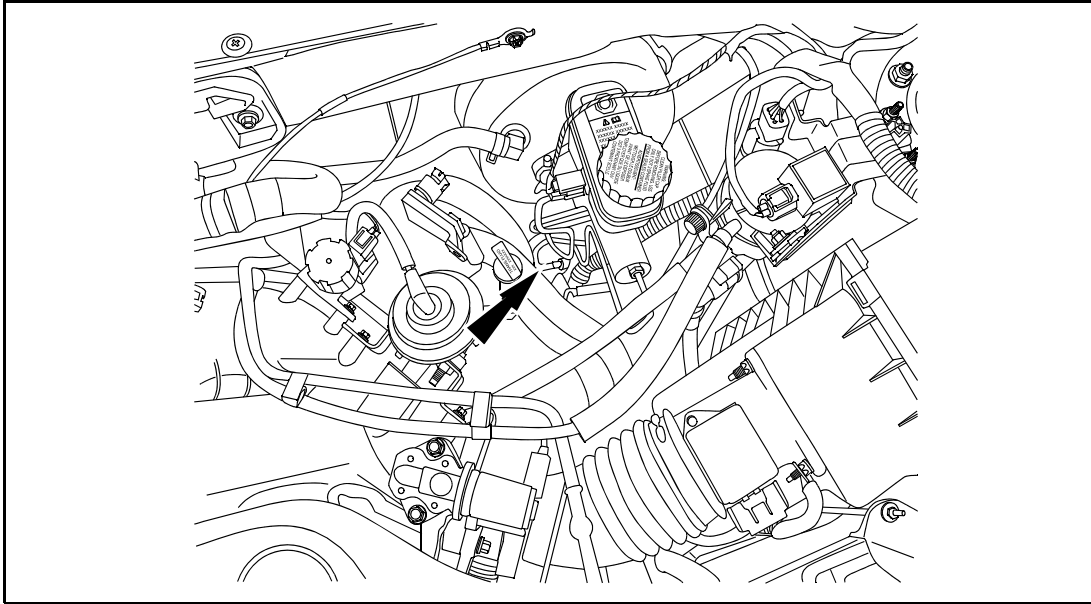
A flow chart has been developed to help direct you to the proper repair.



4507Cu

B. INSPECTION

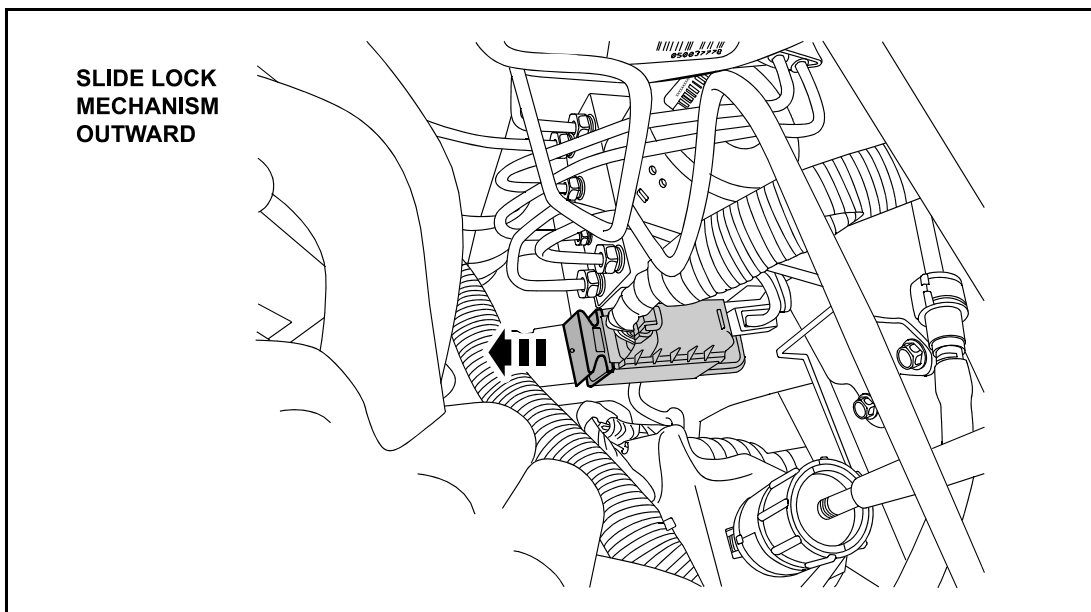
1. Record customer's pre-set radio stations.
2. Disconnect negative battery cable.
3. Locate ABS module connector under brake master cylinder.



4507Cq

4. Disconnect ABS module 25-pin connector by sliding lock mechanism out (towards passenger side of vehicle) and pulling connector off module.

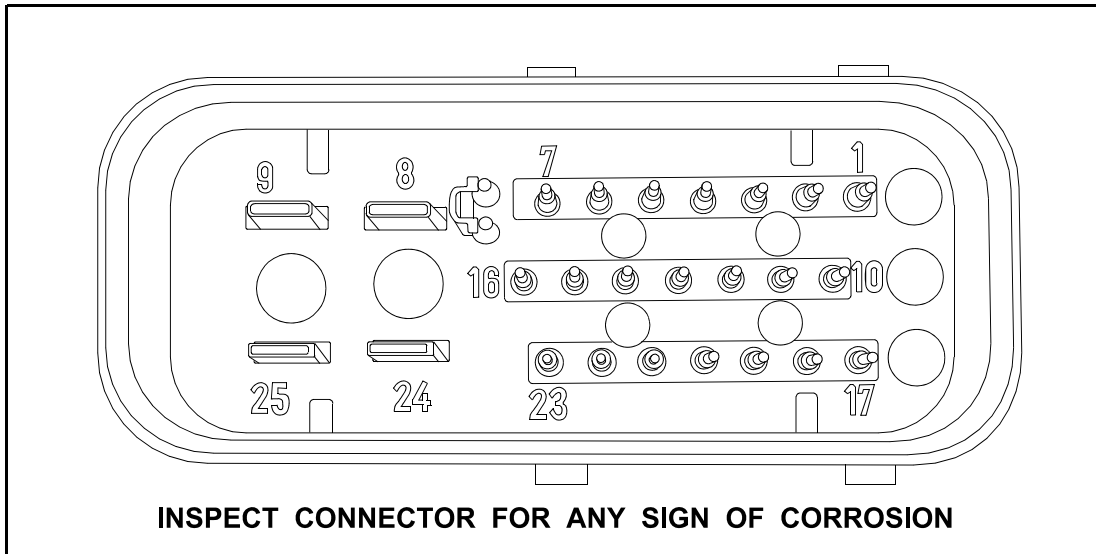
NOTE: When disconnecting the ABS module connector, be sure the blue connector lock stays engaged with the harness connector and does not remain in the module. Remove it from the module if necessary and make sure the white O-ring seal is properly installed.



4507Cr

5. Disconnect the speed sensor harness, then remove the two (2) harness retainers from the studs and position the harness above the air cleaner assembly to provide access for inspection of the connector.

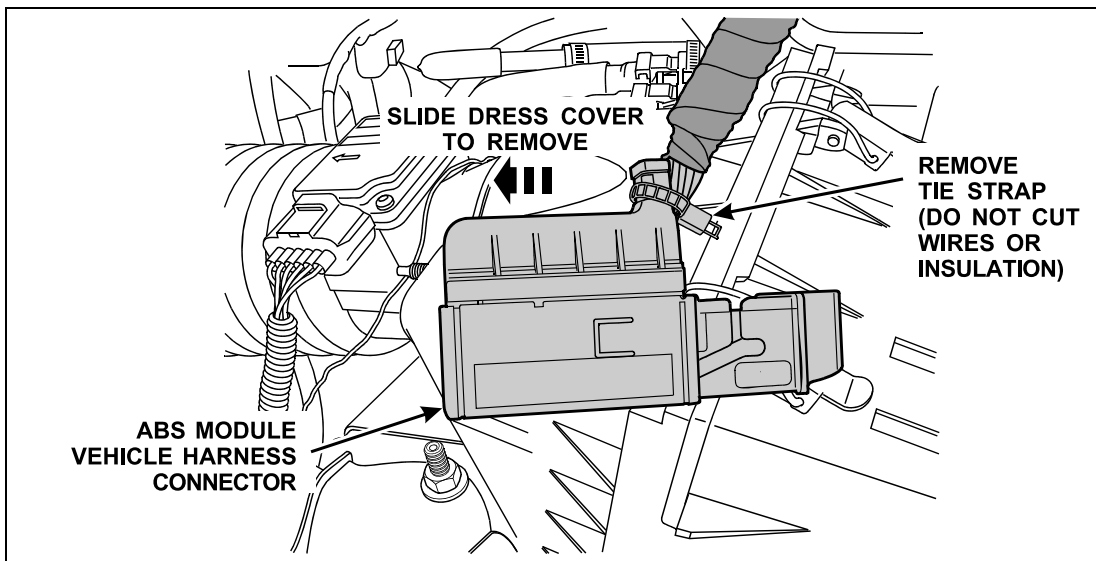
6. Inspect the ABS module connector pins for corrosion.
 - If corrosion is present, proceed to "REPAIR PROCEDURE B".



4507Cv

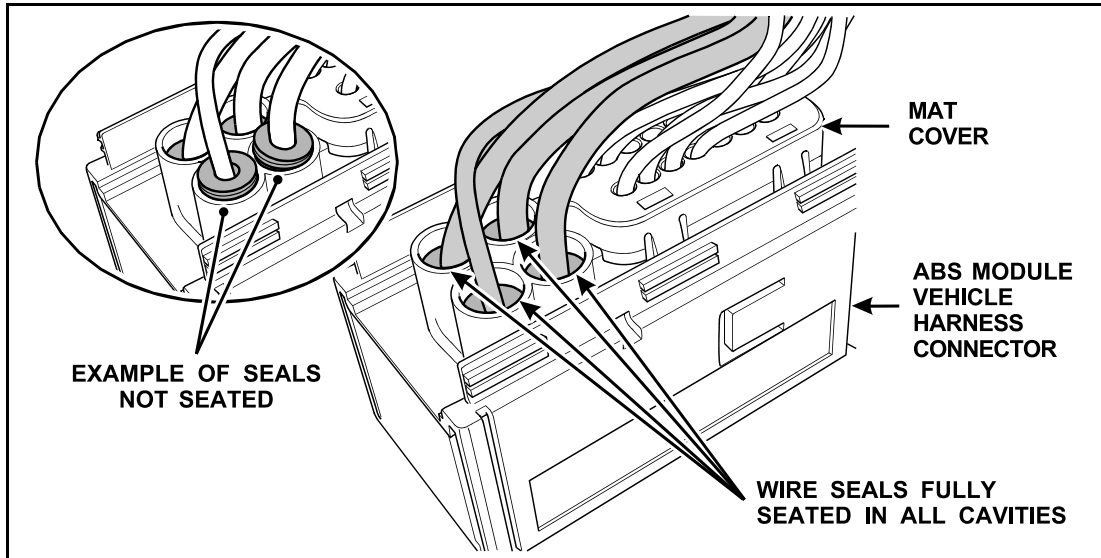
7. Remove the tie strap from the connector dress cover, then slide the cover off the connector.

CAUTION: Do not cut any of the harness wires or the wire insulation when cutting off the tie strap.



4507Cc

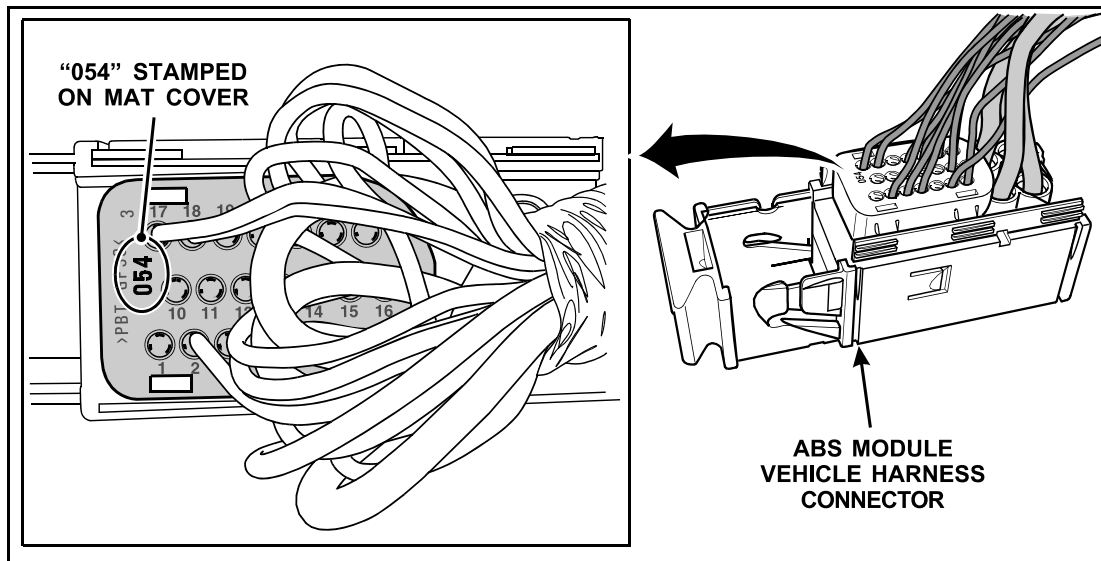
8. Verify the wire seals are present on the four (4) heavier gauge wires.



4507Ce

9. Verify the number “054” is stamped on the slide-lock end of the mat cover (wipe mat cover clean if necessary to view).

NOTE: Mat covers with any other number will be missing plugs in the unused pin locations.



4507Cd

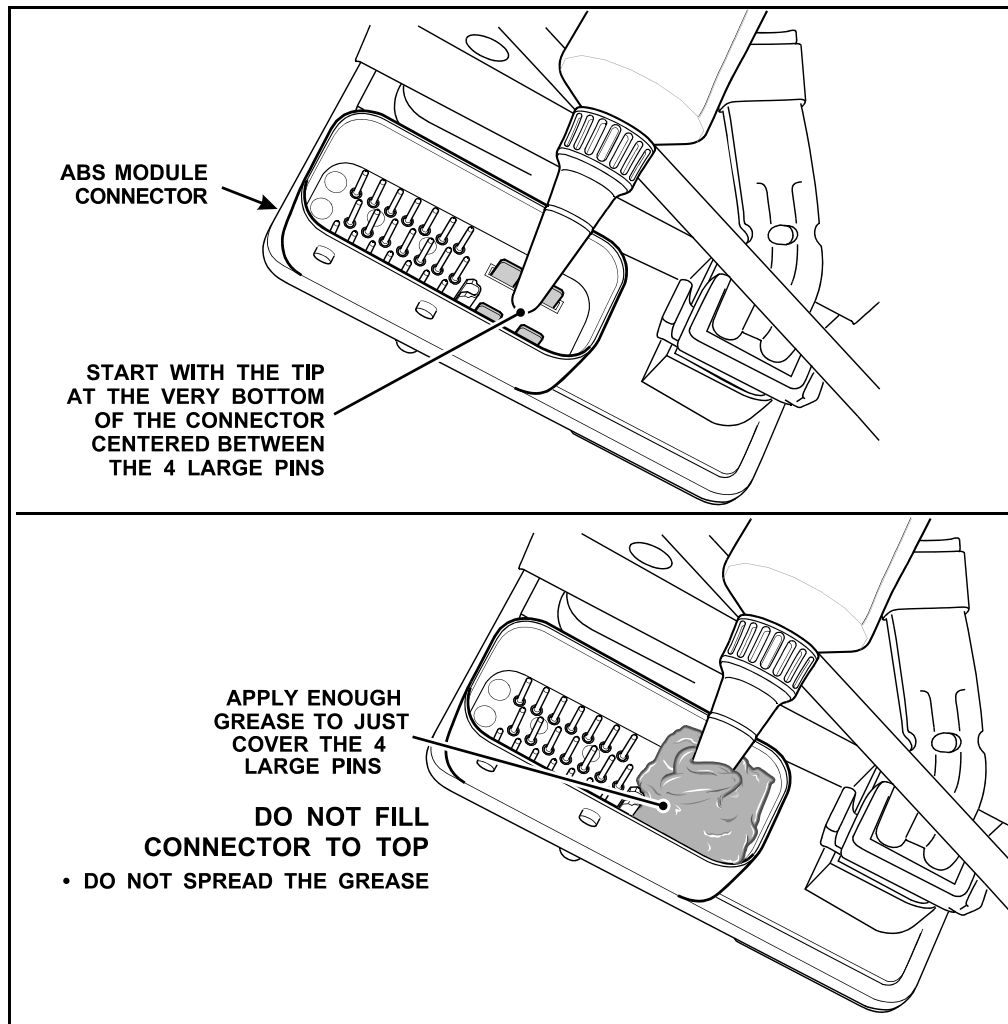
- If the module is not corroded, **AND** all the wire seals are present, **AND** all the wire seals are fully seated, **AND** the number on the mat cover is “054”, proceed to “REPAIR PROCEDURE A”.
- If any of the wire seals are missing, **OR** if the number on the mat cover is not “054”, proceed to “REPAIR PROCEDURE C”.
- Verify all four (4) heavier gauge wire seals are fully seated in the cavities. Each seal should sit approximately 1-2 mm (1/16 in) below the top of the round cavity. If any of the wire seals are not seated properly, proceed to “REPAIR PROCEDURE D”.

REPAIR PROCEDURE A

1. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:

- a) Reinstall dress cover.
 - b) Use ONLY dielectric grease.
- With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to just cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a "hydro lock" condition which will not allow the connector to fully seat or lock in place.



4507Ch

2. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
3. Reconnect negative battery cable.

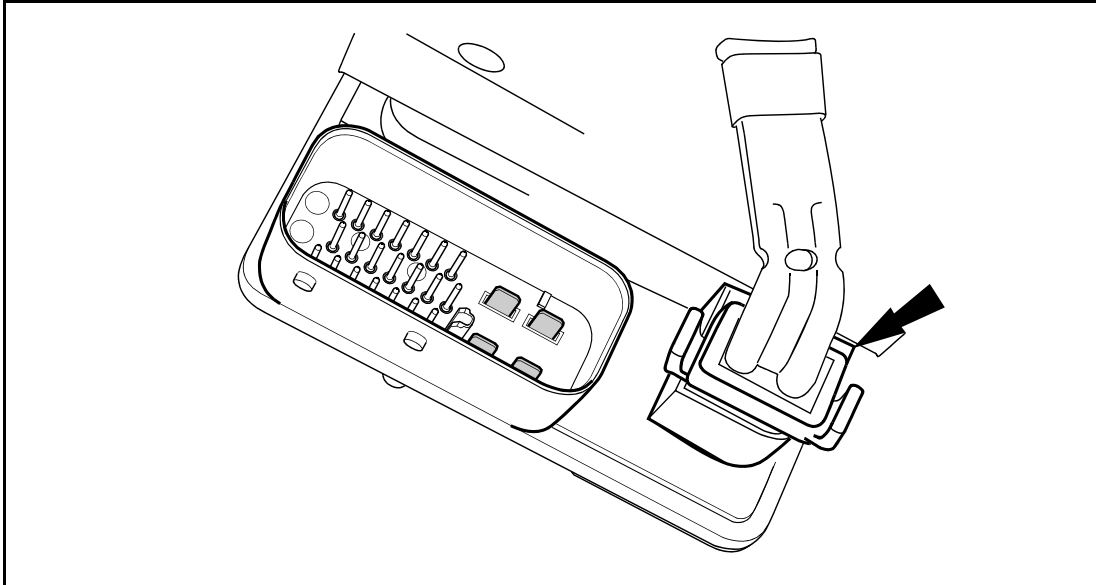
ATTACHMENT II

4. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
5. Re-enter customer's radio pre-set stations and proceed to "C. CAMPAIGN LABEL INSTALLATION".

REPAIR PROCEDURE B**PROCEDURE TO REPLACE ABS MODULE**

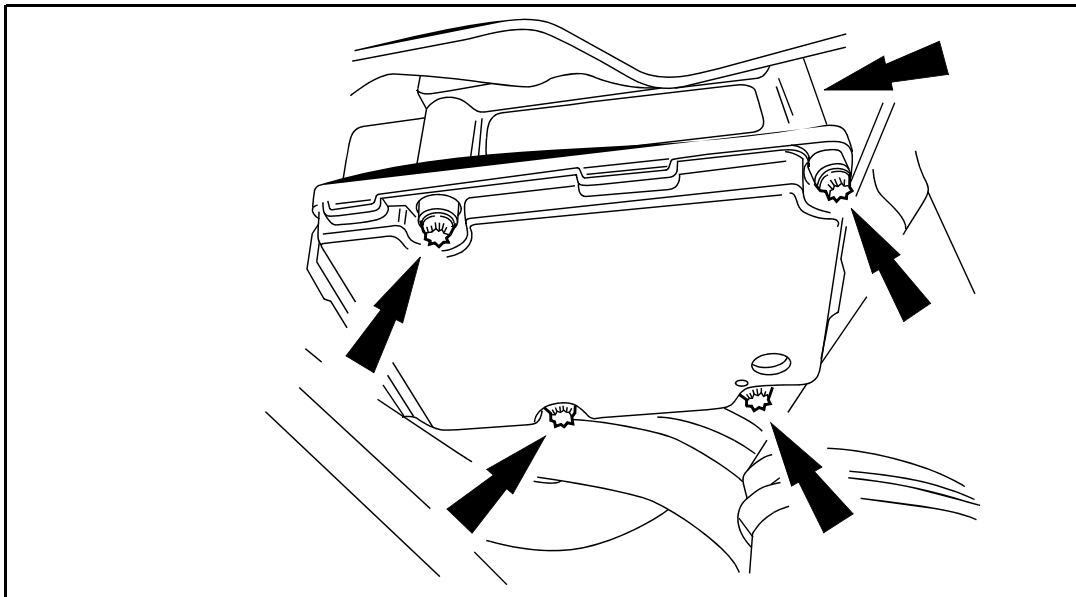
NOTE: Module configuration or reprogramming is not required when installing a new ABS module.

1. Disconnect the 2-wire electrical connector at the ABS module.



4507Cs

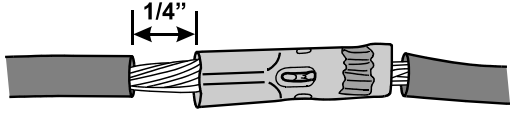

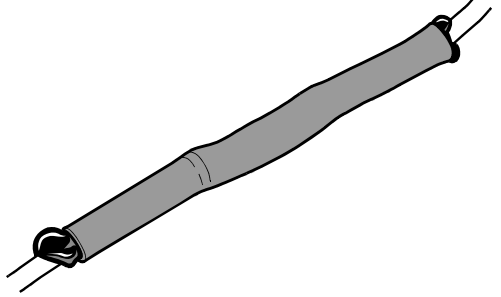
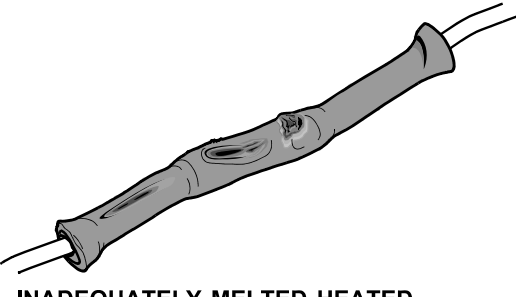
2. Safely raise the vehicle on a hoist, then remove the four (4) ABS module screws and the ABS module.



4507Ct

3. Position the new module and install the bolts.
Tightening torque: No more than 18 in-lbf. (2 Nm)
4. Lower vehicle on hoist and reconnect 2-wire connector to the ABS module.
5. Proceed to "PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR".

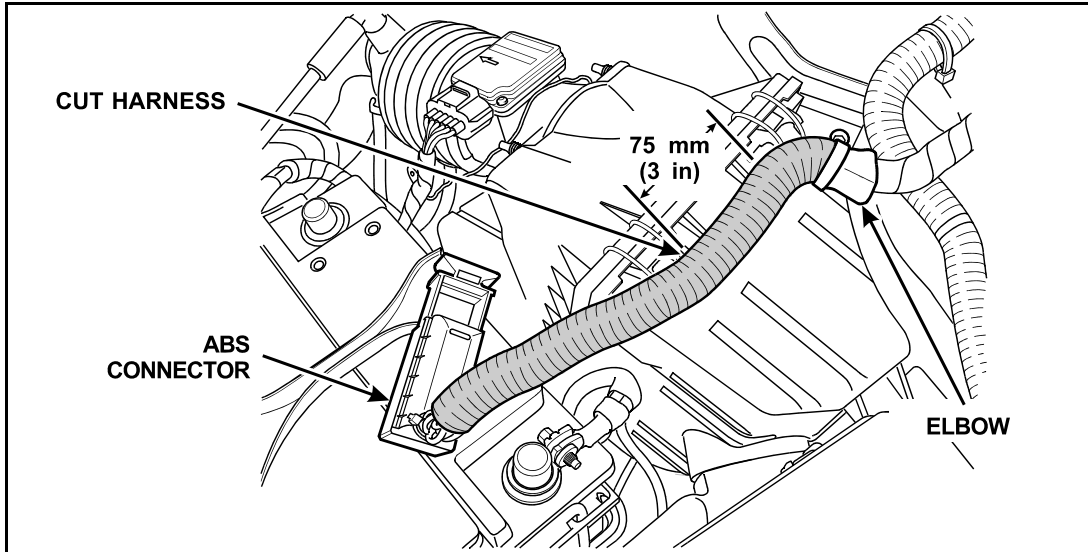
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

 <p>CORRECT CRIMP USING CRIMP TOOL</p> <ul style="list-style-type: none"> • Wires crimped very securely. • No loose or broken wires. • Splice connector intact. 	 <p>INADEQUATE CRIMP USING IMPROPER TOOL</p> <ul style="list-style-type: none"> • Broken splice connector. • Possible loose connection.
 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED HEAT SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507CI

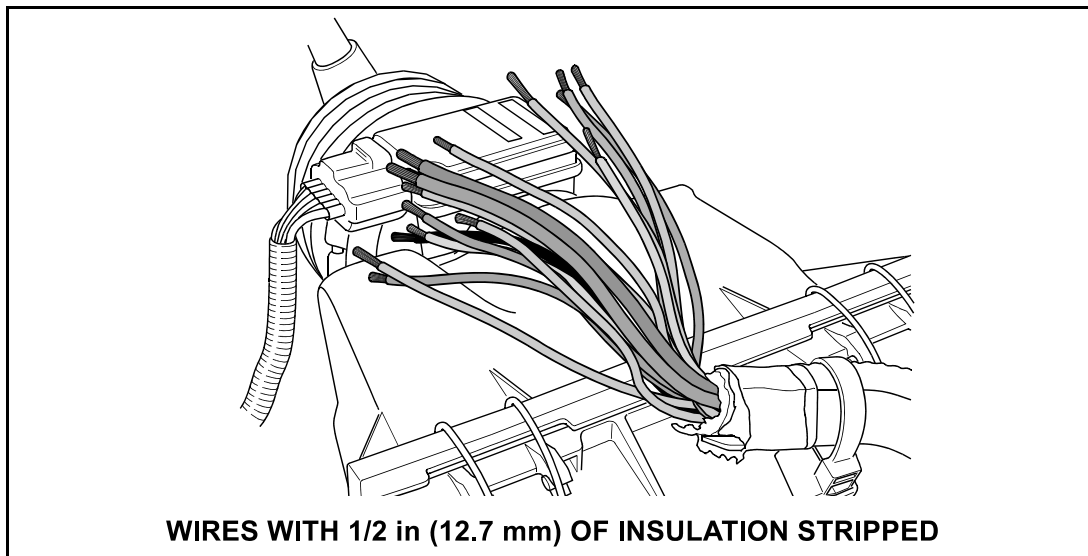
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

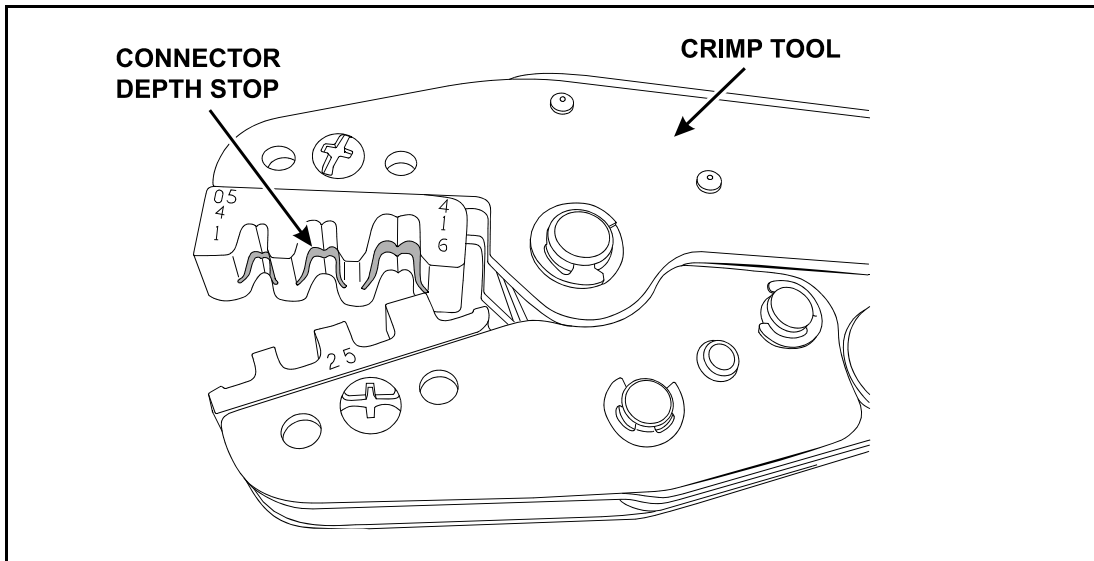
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

NOTE:

- The harness contains two (2) black wires of the same size. Both are grounds (circuit 57). Crossing these wires has no adverse effect on vehicle operation.
- The service pigtail kit contains the connector with wires matching color and size of the original vehicle harness, three (3) different sizes of butt splice connectors for the different wire sizes and a piece of heat shrink tubing to cover each splice.

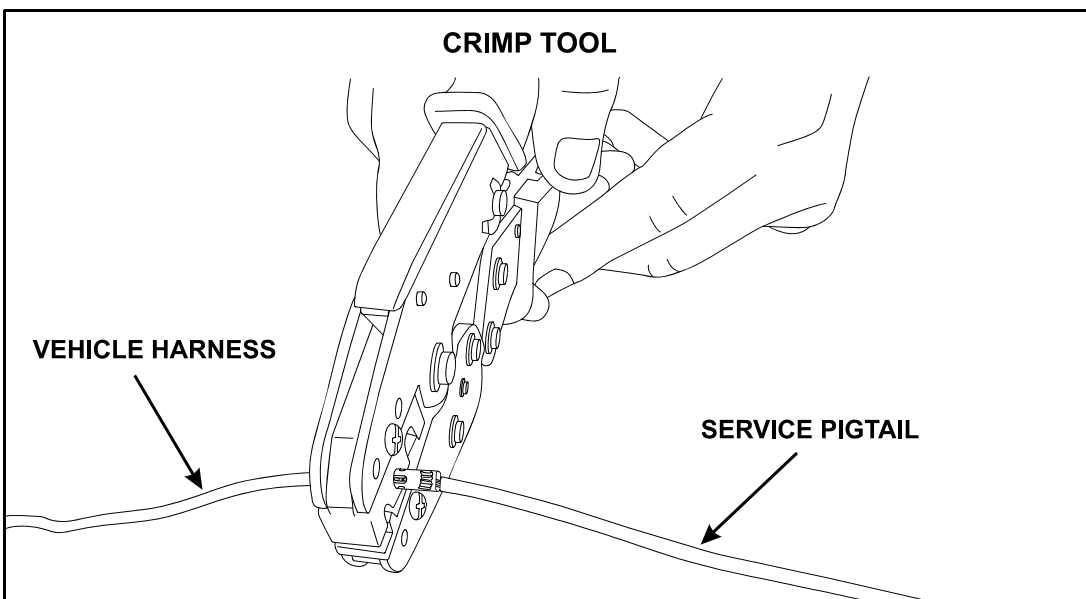
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



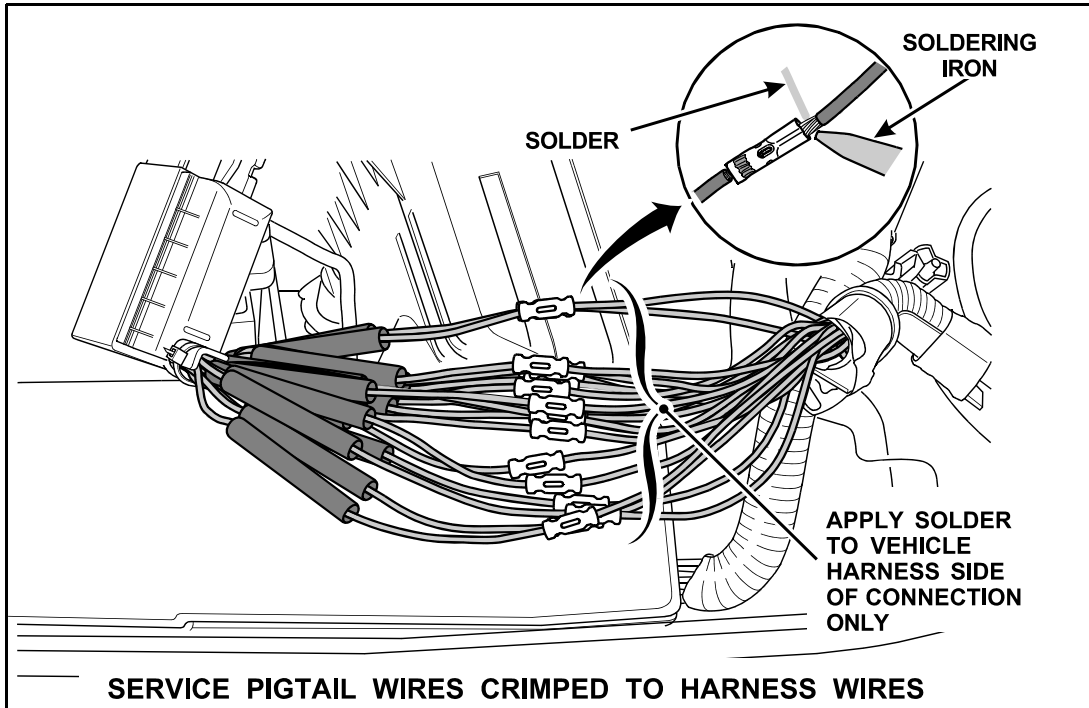
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

- Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

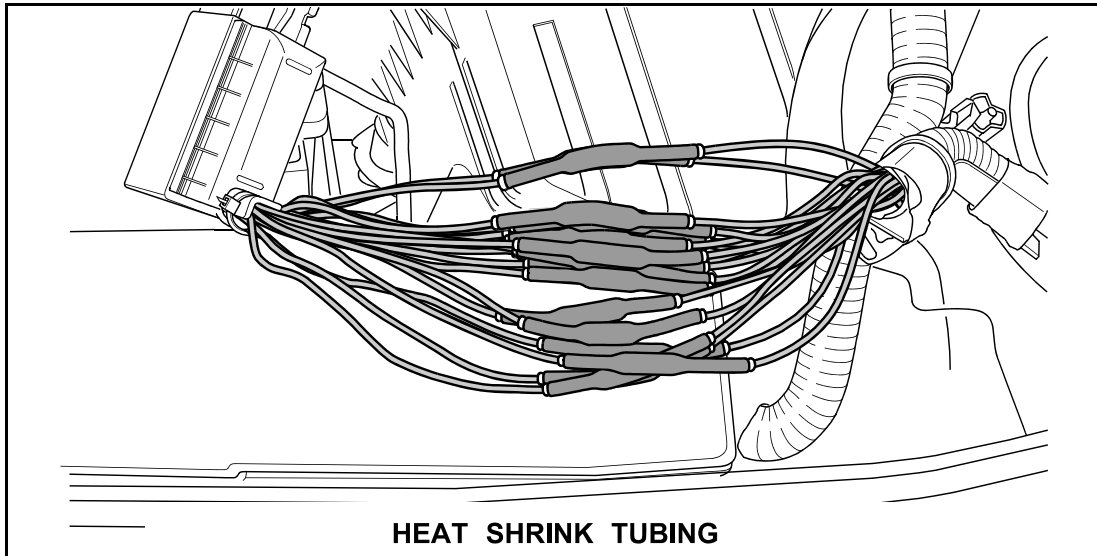


4507C1

- After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

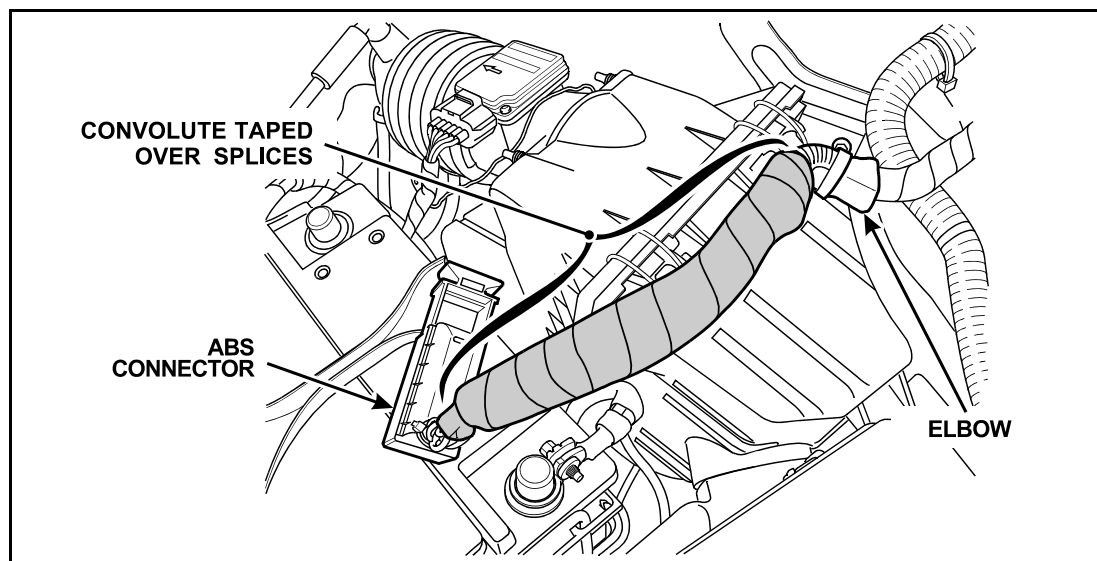
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

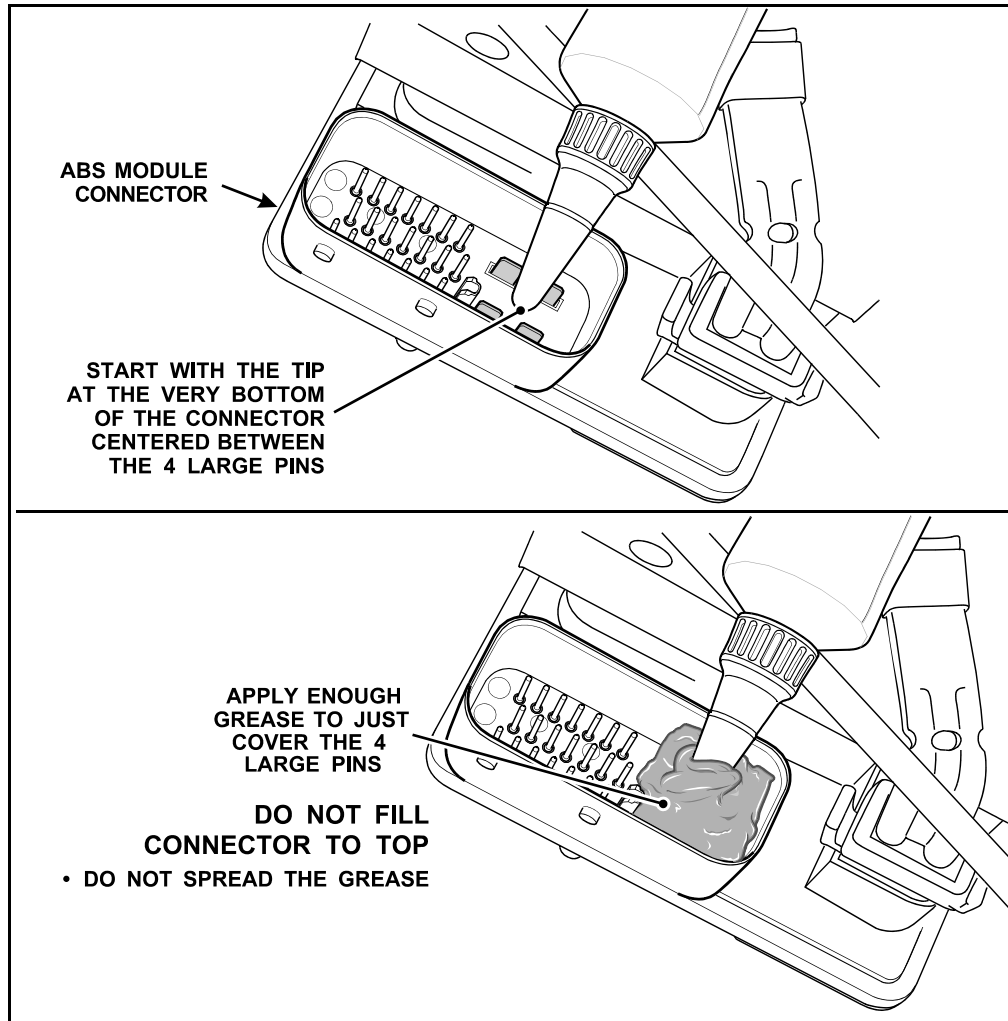
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
- a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.

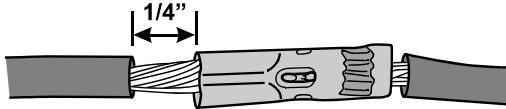

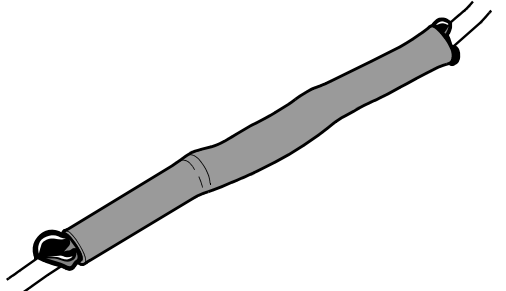
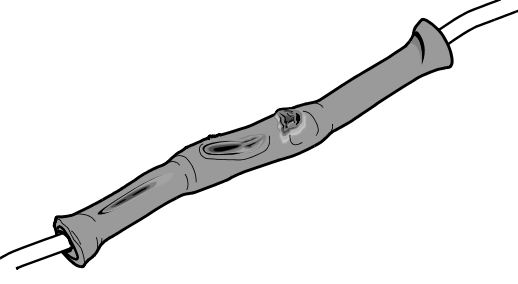


4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE C

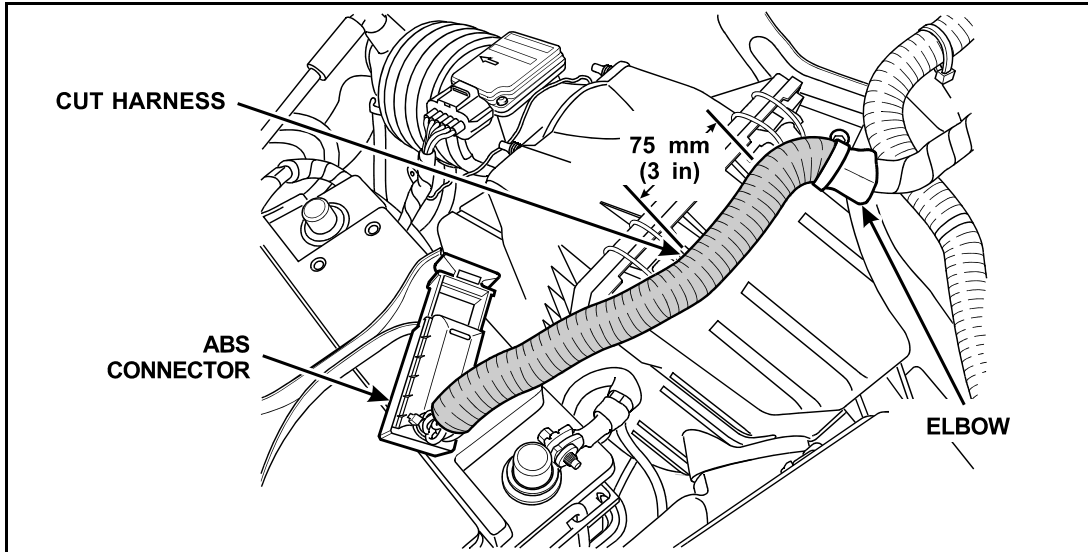
IMPORTANT SERVICE INFORMATION: When performing the service pigtail installation, it is critical that the crimp tool and flameless heat gun be used. USING DIFFERENT TOOLS MAY RESULT IN A POOR REPAIR.

 <p>CORRECT CRIMP USING CRIMP TOOL</p> <ul style="list-style-type: none"> • Wires crimped very securely. • No loose or broken wires. • Splice connector intact. 	 <p>INADEQUATE CRIMP USING IMPROPER TOOL</p> <ul style="list-style-type: none"> • Broken splice connector. • Possible loose connection.
 <p>CORRECTLY MELTED HEAT SHRINK TUBING USING FLAMELESS HEAT GUN</p> <ul style="list-style-type: none"> • Tubing melted smooth across entire length. • Adhesive flow at both ends providing waterproof seal. 	 <p>INADEQUATELY MELTED HEATED SHRINK TUBING</p> <ul style="list-style-type: none"> • Tubing charred from overheating. • Ends not fully melted. • No adhesive flow at ends, not waterproof.

4507C1

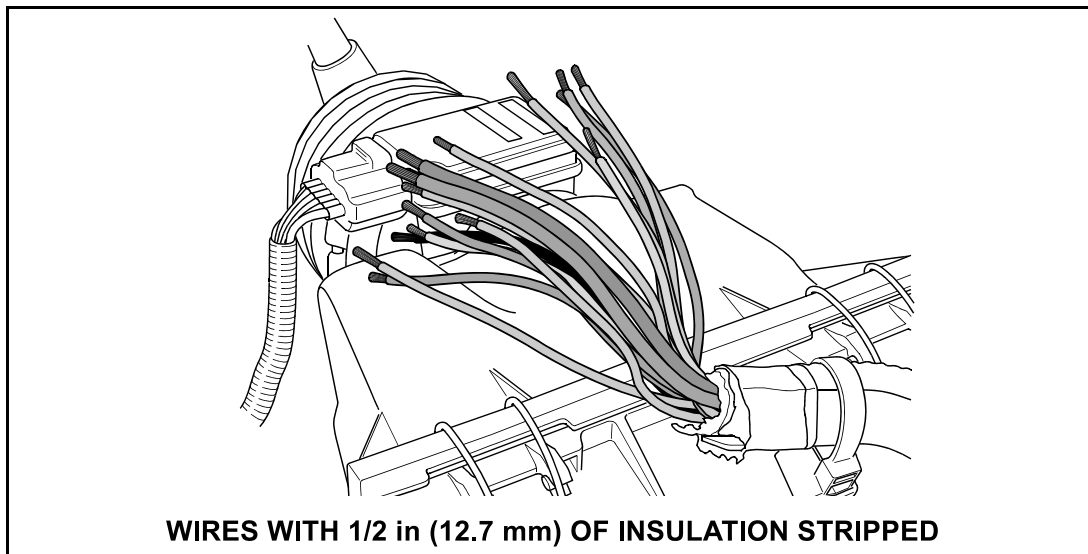
PROCEDURE TO REPLACE VEHICLE HARNESS CONNECTOR

1. Remove the tape and the convolute from the vehicle harness from the ABS module connector to 90 degree harness "elbow".
2. Measure 75 mm (approximately 3 in) from the end of the elbow towards the ABS module connector, then using suitable wire cutters, cut the harness (all wires) to the same length.



4507Cj

3. Strip approximately 1/2 in. (12.7 mm) of insulation from each of the cut wires in the harness.



4507Ck

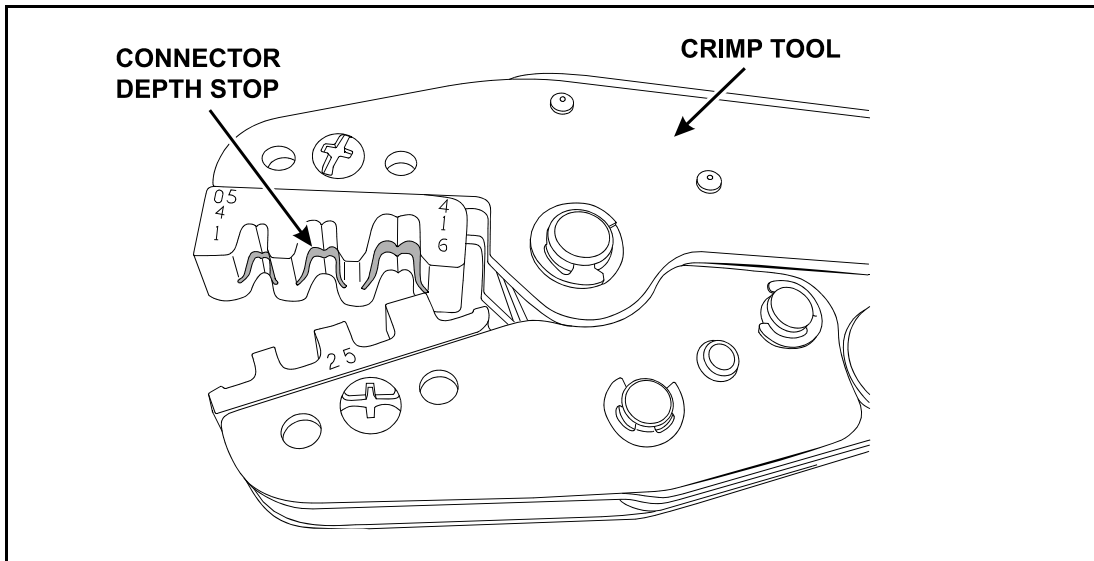
CAUTION: The harness contains a 16-gauge red wire and a 20-gauge red wire with a pink tracer. DO NOT cross these wires when splicing in the service pigtail. As an assembly aid, the 16-gauge red wire on the service pigtail is identified by a small tag. Also, it is possible that some discoloration of the insulation may occur. Sets of wires may appear to have the same color insulation when in fact all wires in the ABS module harness are different except for the two (2) black ground circuit wires. Be sure to carefully examine each wire to avoid crossing circuits when splicing wires.

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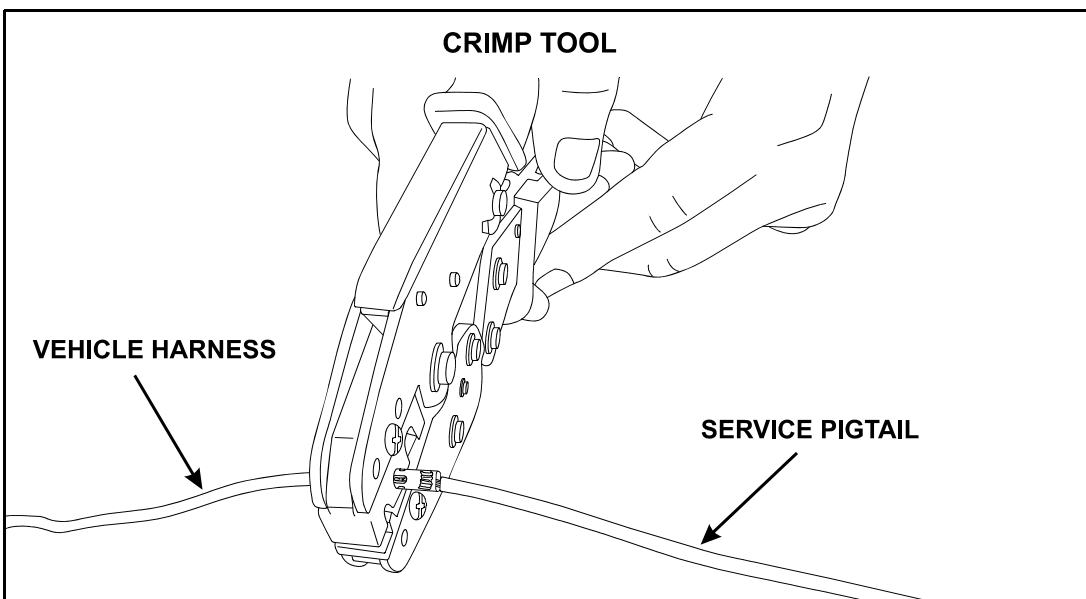
4. Working with one wire at a time, match the wires from the service pigtail to the correct wires from the vehicle harness. Insert the stripped end of each wire into the butt splice connector and crimp using the crimp tool provided.

NOTE: Be sure to place the butt splice connector against the “connector depth stop” on the crimp tool for proper crimping.



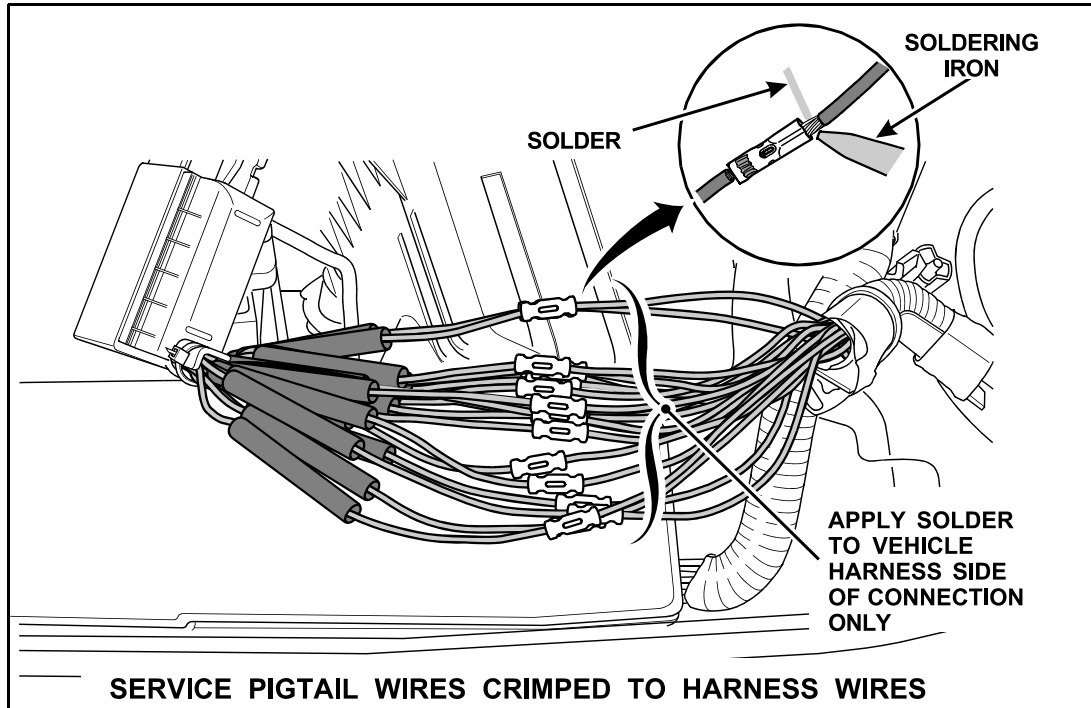
4507Cz

5. Crimp each wire from the vehicle harness side.



4507Cza

- Using rosin core solder, solder only the vehicle harness wires to the butt splice connector.

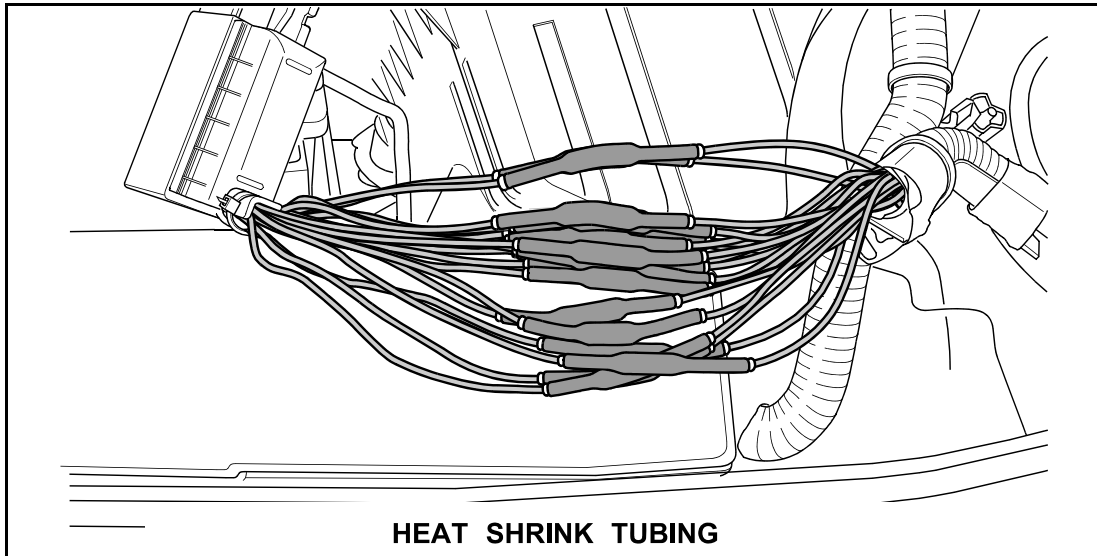


4507C1

- After soldering the wires, center each piece of heat shrink tubing over the splice. Then, using a flameless heat gun, shrink one piece of tubing at a time until the adhesive flows out of both ends. Continue until all wires are insulated.

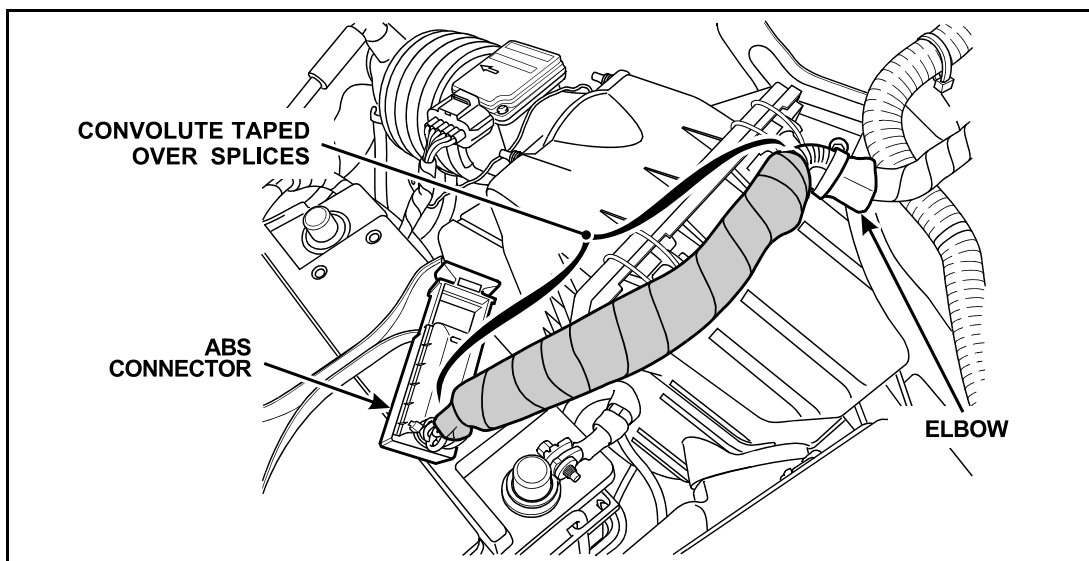
NOTE ON PROPER HEAT SHRINKING

The heat shrink tubing seals best if heat is applied to one end allowing time (only a few seconds) to begin the shrink process until you see the adhesive flow out of the end. At this point, slowly move the heat source across the tubing shrinking it as you move towards the other end, finally allowing adhesive to flow out providing a waterproof seal.



4507Cm

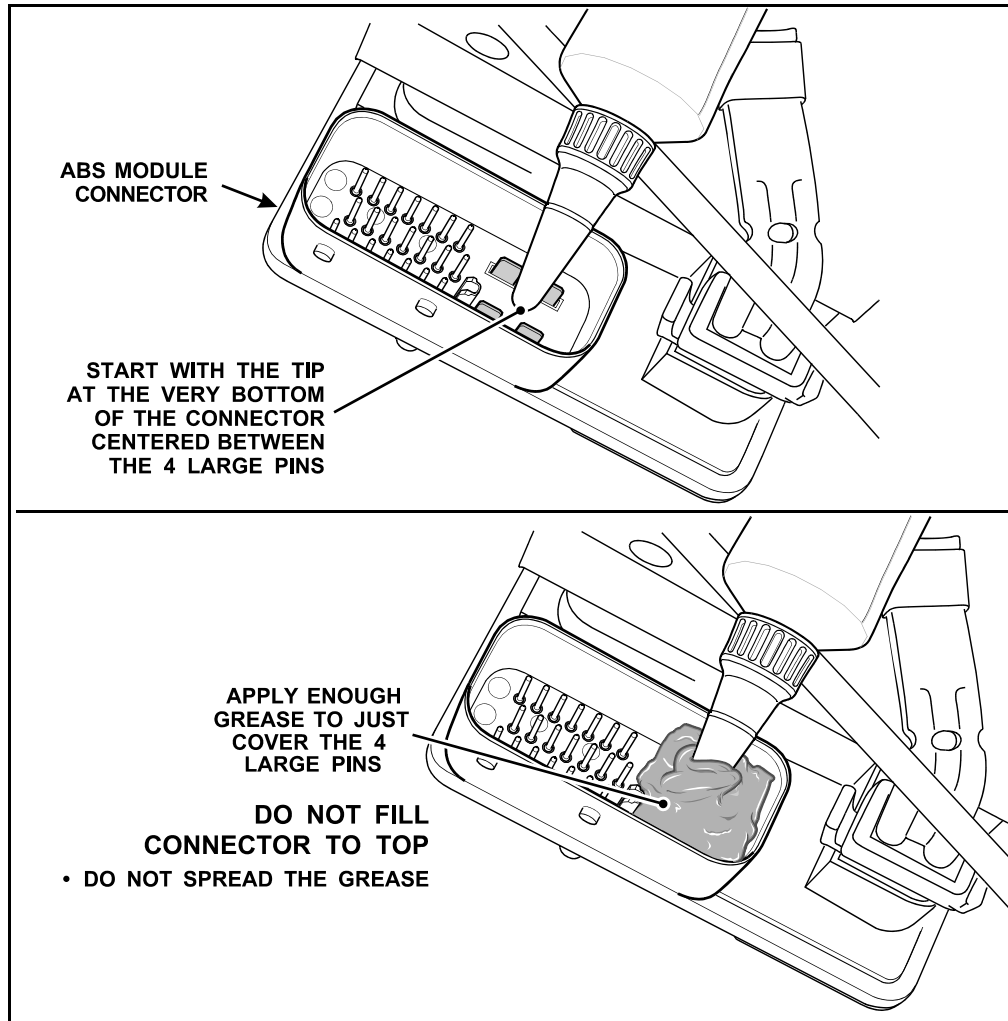
8. Install the supplied convolute tubing over the spliced area and secure with electrical tape. Apply tape to the entire length of the convolute and be sure to secure the convolute to the elbow at one end, and as close as possible to the ABS connector on the other.



4507Cn

9. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
- a) Reinstall dress cover.
 - b) Use **ONLY** dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



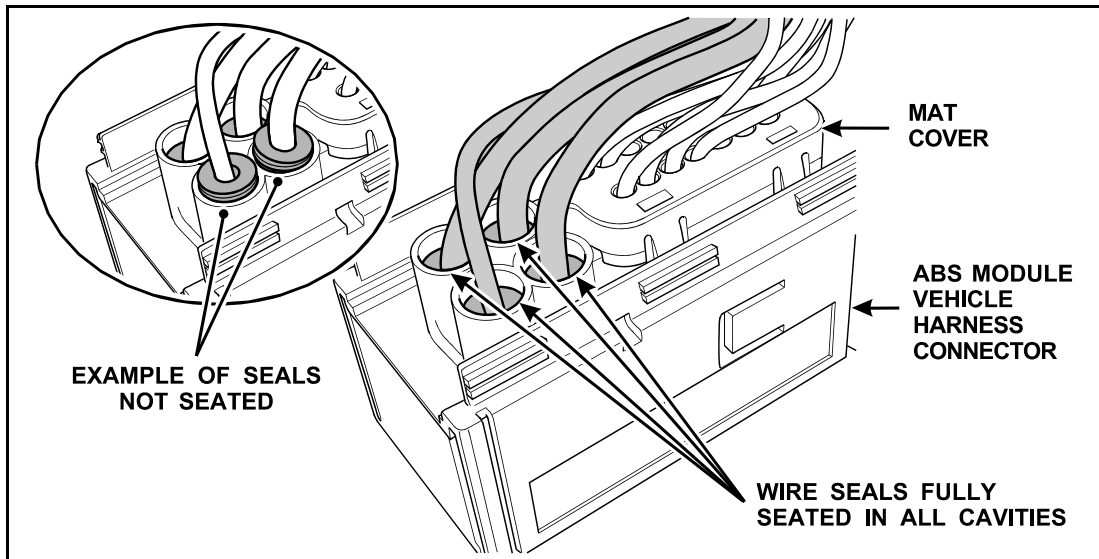
4507Ch

10. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
11. Reconnect negative battery cable.
12. Turn the ignition key to the RUN position. Allow the ABS to carry out a preliminary self-check (indicated by illuminating the yellow ABS warning indicator in the instrument cluster for approximately three (3) seconds).
 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
13. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

REPAIR PROCEDURE D

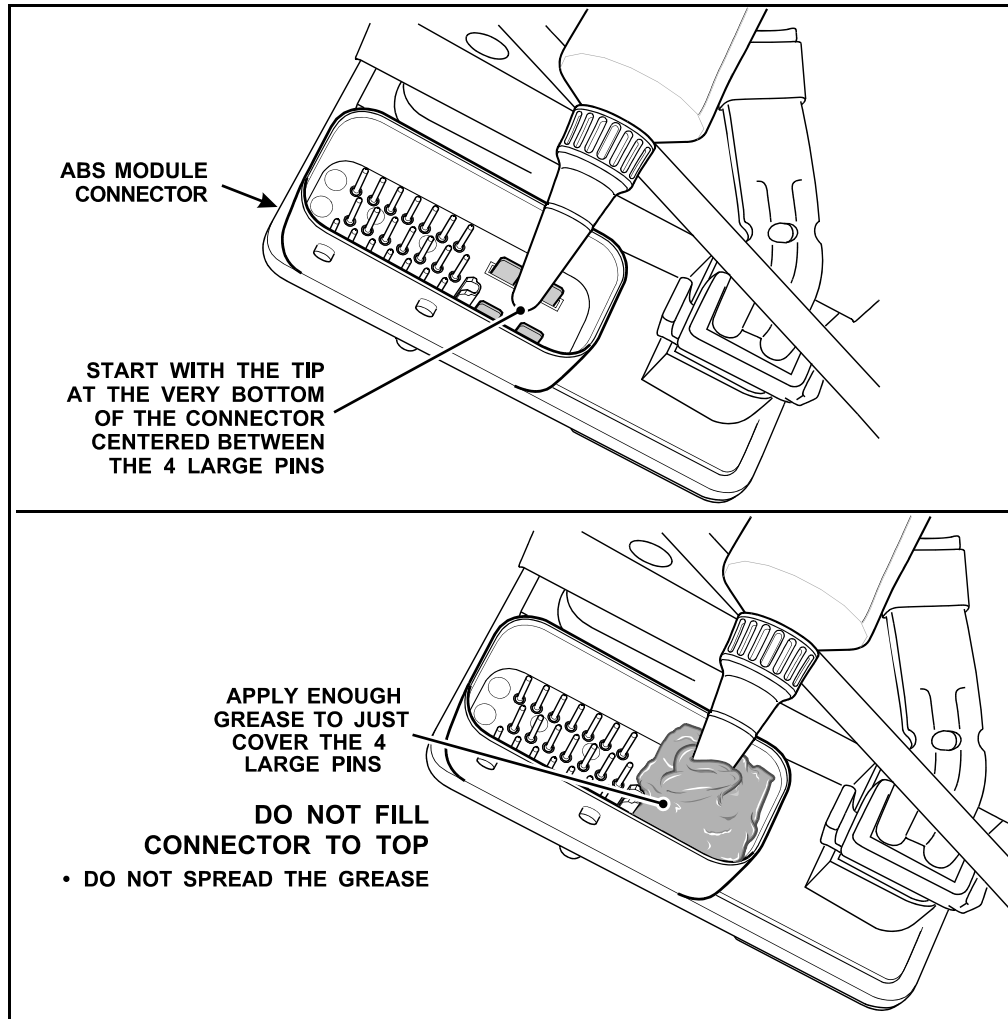
1. If the seals are not fully seated, reseat any seals not fully seated with a blunt tool.

NOTE: DO NOT use anything sharp such as a screwdriver, awl or punch that could penetrate the seal and allow moisture to enter the terminal.



2. Reinstall dress cover and use electrical tape to secure the cover at the same location where the original tie strap was removed. Apply dielectric grease to the ABS module connector, position and connect the harness as follows:
 - a) Reinstall dress cover.
 - b) Use ONLY dielectric grease.
 - With the tip of the applicator tube snipped off, position the end of the tip between the four (4) large flat pins at the bottom of the ABS module connector. Squeeze out enough grease to completely cover the four (4) flat pins.

NOTE: DO NOT spread the grease around the connector. Applying an excess amount of grease into the connector cavity will cause a “hydro lock” condition which will not allow the connector to fully seat or lock in place.



4507Ch

3. Reposition the harness to its original position, install the retainers to the studs to secure the harness and connect it to the ABS module.
4. Reconnect negative battery cable.
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 - If the yellow ABS indicator is not illuminated after three (3) seconds, proceed to next step.
 - If the yellow ABS warning indicator stays illuminated after the self-test, contact the Technical Assistance Hotline.
6. Re-enter customer's radio pre-set stations and proceed to “C. CAMPAIGN LABEL INSTALLATION”.

C. CAMPAIGN LABEL INSTALLATION

Complete a “Campaign Label” with the Recall 4507C written on the sticker and affix it to the vehicle’s bulkhead. Refer to illustration under “A. VEHICLE INSPECTION PROCEDURE”.



June 2009

**2001 – 2004 Mazda Tribute Anti-Lock Brake System (ABS) Voluntary Safety Recall 4507C
RENOTIFICATION**

Dear Mazda Owner:

This third notification is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. A first notice was sent in May 2007, and a second notice in August 2008.

According to our records, as of May 13, 2009 your vehicle has not had the necessary recall inspection and/or repairs completed. There is a possibility that on certain 2001-2004 Mazda Tribute vehicles, the Anti-Lock Brake System (ABS) Module connector may have missing or dislodged wire seals. This condition could allow contamination to enter the module connector creating a potential for an electrical short. An electrical short might cause an ABS malfunction that would illuminate the ABS warning light and, in some cases, the module may overheat resulting in burning odor, smoke, and/or fire. This condition could occur either when the vehicle ignition switch is in the off position or while the vehicle is being operated.

Your Mazda dealer will inspect the wiring harness connector to the ABS module for missing or dislodged wire seals and repair or replace the harness connector as appropriate. Your dealer will also inspect the ABS module and replace it if its connector is corroded or damaged. These repairs will be performed **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 Tribute, 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