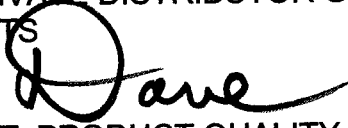


# TOYOTA CUSTOMER SERVICES

Volume: XII  
Number: TC05-014  
Date: 06/27/2005  
 Action  
 Retain  
 Information

## INTEROFFICE MEMORANDUM

TO: ALL REGION/PRIVATE DISTRIBUTOR GENERAL MANAGERS/  
VICE PRESIDENTS

FROM: DAVE ZELLERS,   
VICE PRESIDENT, PRODUCT QUALITY & SERVICE SUPPORT

SUBJECT: SPECIAL SERVICE CAMPAIGN (SSC) – 50I  
2005 MY TACOMA REGULAR CAB BENCH SEAT WIRE HARNESS

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On certain 2005 Model Year Tacoma Regular Cab (no rear seat) vehicles equipped with a front bench seat, the Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins were mis-positioned due to an error during the manufacturing process. In the worst case, if the vehicle is involved in a crash with sufficient force to deploy the driver's-side airbag, the restraint performance of the driver's-side airbag will be reduced for certain seating positions and seat belt fastening conditions. Please note that even in this reduced restraint performance condition, the airbag performance meets the requirements of Federal Motor Vehicle Safety Standard ("FMVSS") 208.

The following vital information is provided to inform you and your staff of the owner notification of the campaign and your degree of involvement.

1. **Dealer Letter Mailing Date**

The attached Dealer Letter will be sent to all Toyota dealers in early July, 2005.

2. **Owner Notification Mailing Date**

The owner notification will commence in mid-July, 2005.

3. **Number of Vehicles Involved**

There are approximately 12,000 Tacoma (2005 model year) Regular Cab vehicles equipped with a bench seat involved in the U.S.

4. **Region/District Summary Reports**

We have enclosed the following SSC 50I Summary Reports in the Region/Private Distributor (PD) Service Manager/Customer Service Operations Manager/Director of Service package:

- Region/PD Summary Report that provides an overview of the entire Region/PD for this SSC.
- A District Summary Report that indicates the number of involved vehicles per dealership in each district for this campaign.

**5. Vehicles in Dealer Stock**

As required by Federal Regulation, dealers are not to deliver any vehicle acquired in their inventory, which is involved in a safety recall, until the necessary inspections/replacements have been performed. Please note that only vehicles produced during the affected period (mid-September, 2004 to mid-May 2005) will require installation of the Wire Seat Jumper. Vehicles produced after this period have a corrected vehicle wire harness.

**6. Parts Ordering**

The necessary parts can be ordered through the dealer's facing PDC. Please refer to the table below and the Technical Instructions for part number information.

<b>Part Number</b>	<b>Part Description</b>	<b>Qty.</b>
82168-04020	Wire Seat Jumper	1
00410-92017	Warning Label (included in Service Manager Package)*	1

\* Additional Labels can be ordered in packages of 10 from the Toyota Material Distribution Center.

**7. Reimbursement Procedures**

Please refer to the Reimbursement Procedures found in the attached Dealer Letter.

**8. Region/PD Assistance**

We request the assistance of all Region and Private Distributor associates in counseling dealers regarding their part order quantities to assure orders are consistent with this SSC. This will assure an adequate and balanced parts inventory.

Please review this entire Special Service Campaign package with the appropriate associates so that they may provide the necessary support to your dealers and maximize our combined customer satisfaction efforts.

Thank you for your cooperation.

TOYOTA MOTOR SALES, U.S.A, INC.

Wire Seat Jumper installed on this specific vehicle as Part of Toyota Special Service Campaign. Do not remove unless replacing this with a new Wire Seat Jumper. Do not transfer this to another vehicle. See Toyota Special Service Campaign 50I for details.

Enclosures

cc: Region/Private Distributor Assistant General Managers  
Region/Private Distributor Customer Service Operations Managers  
Region/Private Distributor Service Managers/Directors/VPs  
Region/Private Distributor Parts Managers/Directors/VPs  
Region/Private Distributor Customer Services Field Managers  
Region/Private Distributor Technical Services and Training Managers  
Region/Private Distributor District Service and/or Parts Managers  
Region/Private Distributor Customer Relations Managers  
Region/Private Distributor PDC Managers  
Region/Private Distributor Field Technical Specialists  
Region/Private Distributor Service Training Specialists  
Region/Private Distributor Vehicle Operations Managers  
All NAPC General Managers  
All TMS Sales Administration Managers  
All TMS Product Quality & Service Support Managers  
All Field Product Engineers

E. Bastien	Y. Funo	D. Pettitt
J. Beseda	T. Gartland	J. Press
R. Broughman	J. Hanson	M. Reding
G. Bryan	J. Hollis	H. Sunakawa
A. Cabito	J. Kerr	J. Stempkowski
D. Camden	J. Kobayashi	E. Taira
J. Chernus	J. Lang	T. Takada
R. Daly	J. Lentz	J. Tetherow
T. Devany	E. Matsuda	M. Tomozoe
B. Ertmann	D. Mercer	A. Vaish
D. Esmond	M. Michels	R. Waltz
D. Fleming	I. Miller	M. Yamaguchi
G. Fogg	T. Nagata	
R. Foss	D. Ogilvie	

TO: ALL TOYOTA DEALER PRINCIPALS,  
SERVICE MANAGERS, PARTS MANAGERS

SUBJECT: SPECIAL SERVICE CAMPAIGN (SSC) – 50I  
2005 MY TACOMA BENCH SEAT WIRE HARNESS

On certain 2005 Model Year Tacoma Regular Cab (no rear seat) vehicles equipped with a front bench seat, the Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins were mis-positioned due to an error during the manufacturing process. In the worst case, if the vehicle is involved in a crash with sufficient force to deploy the driver's-side airbag, the restraint performance of the driver's-side airbag will be reduced for certain seating positions and seat belt fastening conditions. Please note that even in this reduced restraint performance condition, the airbag performance meets the requirements of Federal Motor Vehicle Safety Standard ("FMVSS") 208.

The following vital information is provided to inform you and your staff of the owner notification of the campaign and your degree of involvement.

1. **Owner Notification Letter Mailing Date**

The owner notification will commence in mid-July, 2005.

Please note that not all vehicles in the VIN range are affected by this SSC. Please **verify eligibility by confirming through Dealer Daily/TIS prior to performing repairs.**

2. **Vehicles in Dealer Stock**

As required by Federal Regulation, dealers are not to deliver any vehicle acquired in their inventory, which is involved in a safety recall, until the necessary inspections/replacements have been performed. Please note that only vehicles produced during the affected period (mid-September, 2004 to mid-May 2005) will require installation of the Wire Seat Jumper. **Vehicles produced after this period have a corrected vehicle wire harness.**

3. **Number of Involved Vehicles**

There are approximately 12,000 Tacoma (2005 model year) Regular Cab vehicles equipped with a bench seat involved in the U.S.

4. **Dealer/Owner Lists**

Affected vehicle VIN lists for SSC 50I campaign have been distributed to each dealership's Service and Parts Managers. These lists are based upon the dealership's Primary Marketing Area (PMA) or selling dealership where applicable. Based upon our records, a dealership which does not have an affected vehicle in their PMA will receive a report indicating so.

**NOTE:**

**Always consult Dealer Daily or TIS to confirm VIN eligibility and to assure the SSC is applicable. This will verify the vehicle is involved and has not already been completed by another dealer. TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected.**

5. **Repair Procedures**

Refer to the attached Technical Instructions and appropriate Repair Manual as indicated.

**WARNING!**

**Do not install the Wire Seat Jumper in a vehicle that is not involved.**

6. **Parts Ordering**

The necessary parts can be ordered through the dealer's facing PDC. Please refer to the table below and the Technical Instructions for part number information. Dealers should not order parts if they do not have any vehicles listed on their dealer reports, or until they have a confirmed owner appointment.

Part Number	Part Description	Qty.
82168-04020	Wire Seat Jumper	1
00410-92017	Warning Label (included in Service Manager Package)*	1

\* Additional Labels can be ordered in packages of 10 from the Toyota Material Distribution Center.

To prevent parts shortages and excess parts stock at dealerships, the "Suggested Initial Parts Order Quantity" has been provided in each Dealer/Owner List (sent to each dealer's Service and Parts Managers) as a guide. This will assure an adequate and balanced parts inventory. UIO by state matrixes are listed below to inform dealers of the number of vehicles in their area.

STATE	UIO
AK	12
AL	179
AR	82
AZ	562
CA	3169
CO	96
CT	99
DC	6
DE	22
FL	1076

STATE	UIO
GA	411
IA	17
ID	27
IL	254
IN	61
KS	31
KY	117
LA	130
MA	267
MD	201

STATE	UIO
ME	66
MI	83
MN	145
MO	152
MS	64
MT	11
NC	419
ND	1
NE	13
NH	122

STATE	UIO
NJ	210
NM	98
NV	181
NY	244
OH	144
OK	54
OR	104
PA	609
RI	52
SC	164

STATE	UIO
SD	3
TN	183
TX	492
UT	75
VA	273
VT	38
WA	167
WI	35
WV	93
WY	6

*Wire Seat Jumper installed on this specific vehicle as Part of Toyota Special Service Campaign. Do not remove unless replacing this with a new Wire Seat Jumper. Do not transfer this to another vehicle. See Toyota Special Service Campaign 50I for details.*

**7. Reimbursement Procedures**

Submit Special Service Campaign claims following the procedures described in the Toyota Warranty Policy and Procedures Manual.

The operation code to be used for this campaign is:

<b>SSC #</b>	<b>Op. Code</b>	<b>Description</b>	<b>Flat Rate Hour</b>
50I	5521F1	Inspect the wire harness (in the rare case a vehicle was already repaired at NUMMI)	0.2 Hr/Veh
50I	5521F2	Inspect the wire harness and install the wire seat jumper	0.4 Hr/Veh

NOTE: The above flat rate times include 0.1 hours for administrative cost per unit for the dealership.

Please review this entire package with your Service and Parts staff to familiarize them with the proper step-by-step procedures required to implement this Special Service Campaign.

Thank you for your cooperation.  
TOYOTA MOTOR SALES, U.S.A., INC.



## Special Service Campaign (SSC)

### 2005 Model Year Tacoma Regular Cab Vehicles Equipped with a Front Bench Seat Q&A

**Q1: What is the condition?**

A1: The Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins on certain 2005 model year Tacoma Regular Cab (no rear seat) vehicles equipped with a Front Bench Type Seat were mis-positioned due to an error during the manufacturing process. In the worst case, if the vehicle is involved in a crash with sufficient force to deploy the driver's-side airbag, the restraint performance of the driver's-side airbag will be reduced for certain seating positions and seat belt fastening conditions. Please note that even in this reduced restraint performance condition, the airbag performance meets the requirements of Federal Motor Vehicle Safety Standard ("FMVSS") 208.

**Q2: What is the cause of this condition?**

A2: The Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins were mis-positioned due to an error during the manufacturing process.

**Q3: Are there any warnings that this condition exists?**

A3: No, there are no specific warnings that this condition exists.

**Q4: Which and how many vehicles are involved?**

A4: There are approximately 12,000 Tacoma Regular Cab (2005 Model Year) vehicles involved in the U.S.

**Q5: What is the production period of the affected vehicles?**

A5: The affected Toyota Tacoma vehicles were produced from mid-September, 2004 to mid-May 2005.

**Q6: Are there any other Toyota or Lexus vehicles involved?**

A6: No, this specific condition only affects certain 2005 Model Year Tacoma Regular Cab (no rear seat) Vehicles Equipped with a Front Bench Seat.

**Q7: How many incidents of this condition have been reported?**

A7: Toyota has not received any reports from the field regarding this condition in the affected vehicles.

**Q8: Have there been any accidents reported?**

A8: There have been no reported cases of accidents related to this condition.

**Q9: What is Toyota going to do?**

A9: Owners of the involved vehicles will receive a Special Service Campaign notification by first class mail beginning in mid-July, 2005. Toyota dealers will inspect and if necessary correct the mis-positioned Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins by installing a sub-wire harness at **NO CHARGE** to the vehicle owners.

**Q10: How long will the repair take?**

A10: The repair will take approximately half an hour. However, depending upon the dealer's work schedule, it may be necessary to make the vehicle available for a longer period of time.

**Q11: What should an owner do if they experience the condition or have immediate concerns about the current safety of their vehicle?**

A11: Owners are requested to contact their local Toyota dealer for diagnosis and repair.

**Special Service Campaign 50I**  
**2005 Model Year Tacoma Regular Cab Vehicles Equipped with a Front Bench Seat**  
**Safety Recall Notice**

Dear Toyota Customer:

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Toyota has decided that a defect, which relates to motor vehicle safety, exists in the Seat Position and Seat Belt Fastening Sensor Wire Harness of certain 2005 model year Tacoma Regular Cab (no rear seat) vehicles equipped with a Front Bench Type Seat.

**What is the problem?**

The Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins were mis-positioned due to an error during the manufacturing process. In the worst case, if the vehicle is involved in a crash with sufficient force to deploy the driver's-side airbag, the restraint performance of the driver's-side airbag will be reduced for certain seating positions and seat belt fastening conditions. Please note that even in this reduced restraint performance condition, the airbag performance meets the requirements of Federal Motor Vehicle Safety Standard ("FMVSS") 208.

**What will Toyota do?**

Any Toyota dealer will inspect and if necessary correct the mis-positioned Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins by installing a sub-wire harness at **NO CHARGE** to you.

**What should you do?**

Please contact your authorized Toyota dealer to make an appointment to complete the inspection and if necessary repair, as soon as possible. The repair will take approximately half an hour. However, depending upon the dealer's work schedule, it may be necessary to make your vehicle available for a longer period of time.

**We request that you present this notice to the dealer at the time of your service appointment.**

If you no longer own the vehicle, please indicate so on the enclosed postage-paid form, providing us with the name and address of the new owner.

**What if you have other questions?**

***Your local Toyota dealer will be more than happy to answer any of your questions and set up an appointment to perform the inspection and if necessary replacement.*** If you require further assistance, you may contact the Toyota Customer Experience Center at 1-888-270-9371 Monday through Friday, 5:00 am to 9:30 pm, Saturday and Sunday 7:00 am through 3:00 pm Pacific Standard Time.

If you believe that the dealer or Toyota has failed or is unable to remedy the defect within a reasonable time, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street S.W., Washington, D.C. 20590, or call the toll free Auto Safety Hot Line at 1-888-327-4236.

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

We have sent this notice in the interest of your continued satisfaction with our products, and we sincerely regret any inconvenience this condition may have caused you.

Thank you for driving a Toyota.

Sincerely,

TOYOTA MOTOR SALES, U.S.A., INC.



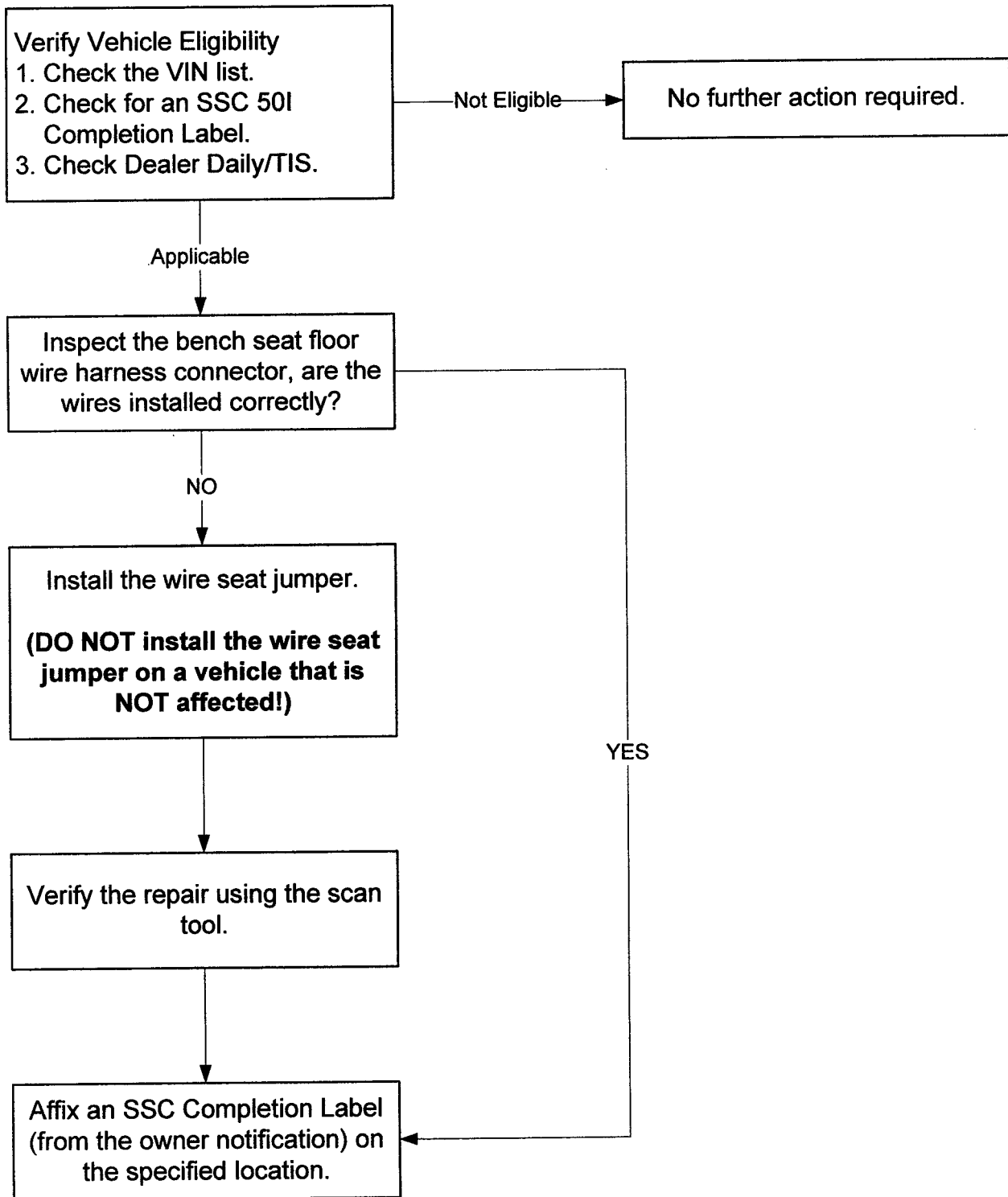
**TECHNICAL INSTRUCTIONS**

**FOR**

**SPECIAL SERVICE CAMPAIGN 50I**

**2005 MODEL YEAR TACOMA REGULAR-CAB**  
**FRONT BENCH SEAT WIRE SEAT JUMPER**

# I. OPERATION FLOW CHART



## II. IDENTIFICATION OF AFFECTED VEHICLES

### A. AFFECTED VIN RANGE

MODEL	YEAR	WMI	VIN Range	
			VDS	Range
Tacoma	2005	5TE	NX22N	Z001023 – Z093540
			NX62N	Z049865 (one vehicle only)
			PX42N	Z001457– Z093212

#### NOTE:

**This SSC only involves certain 2005 Model Year Tacoma Regular-Cab vehicles equipped with a front bench seat. Not all vehicles in the VIN range are involved. As always, consult Dealer Daily/TIS to confirm VIN eligibility and to assure the SSC is applicable. This will verify the vehicle is affected and has not already been completed prior to dealer shipment or by another dealer. TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.**

## III. PREPARATION

### A. PARTS

Part No.	Part Name	Qty./Veh
82168-04020	Wire Seat Jumper	1
00410-92017	Warning Label (included in Service Manager Package)*	1

\* Additional Labels can be ordered in packages of 10 from the Toyota Material Distribution Center.

### B. TOOLS

- Standard hand tools
- Scan tool

## **IV. BACKGROUND**

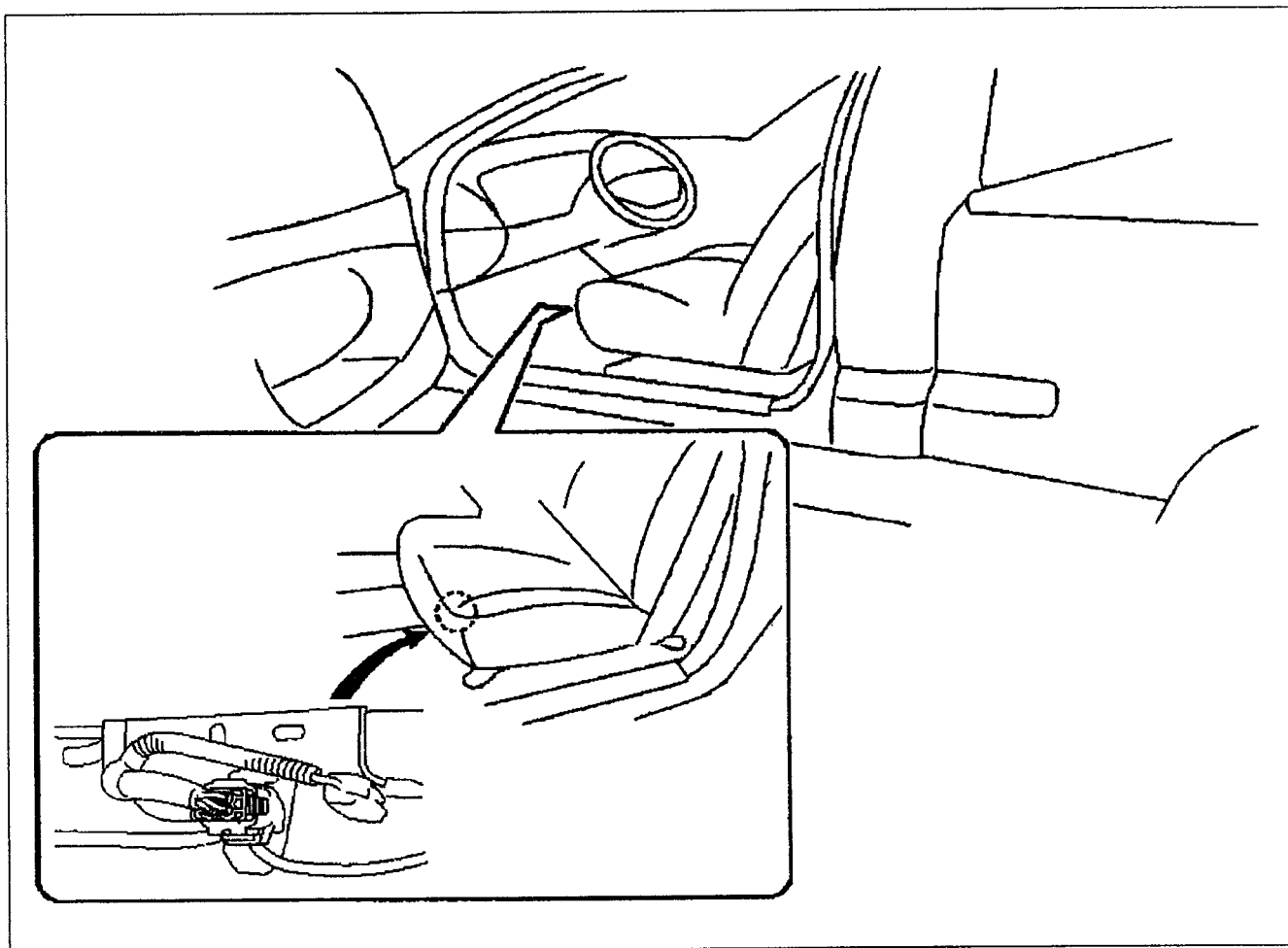
The Seat Position and Seat Belt Fastening Sensor Wire Harness Connector Pins were mispositioned due to an error during the manufacturing process. In the worst case, if the vehicle is involved in a crash with sufficient force to deploy the driver's-side airbag, the restraint performance of the driver's-side airbag will be reduced for certain seating positions and seat belt fastening conditions. Please note that even in this reduced restraint performance condition, the airbag performance meets the requirements of Federal Motor Vehicle Safety Standard ("FMVSS") 208.

## **V. WORK PROCEDURE**

### **A. INSPECT THE FRONT BENCH SEAT FLOOR WIRE HARNESS CONNECTOR WIRES**

#### **1. LOCATE THE BENCH SEAT FLOOR WIRE HARNESS**

- (a) Slide the bench seat to the rearmost position.
- (b) Locate the floor wire harness and connector under the seat on the driver's side, closest to the front edge of the seat cushion.



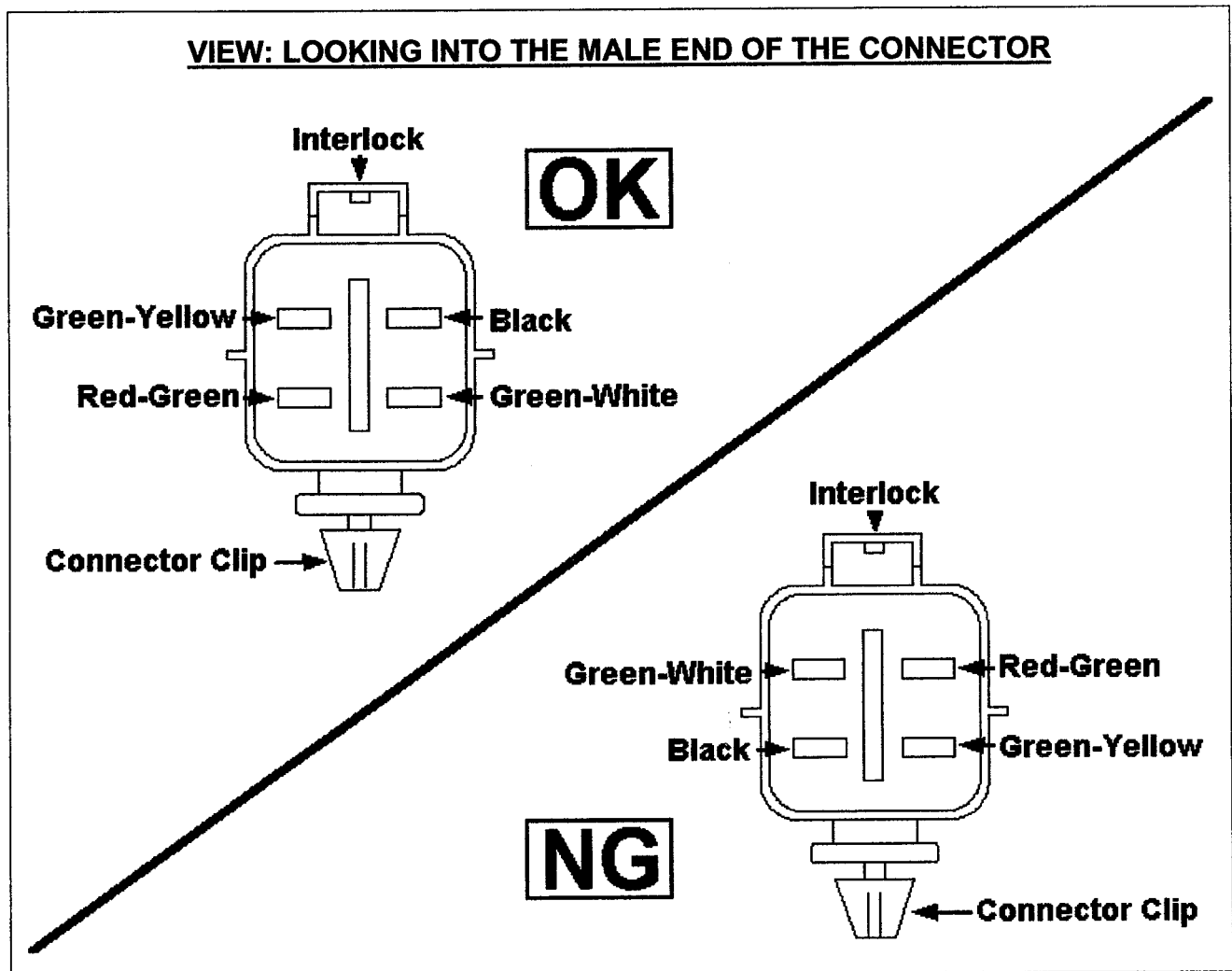
## 2. INSPECT THE CONNECTOR WIRES

- (a) Check the wires of the floor wire harness connector (male end) to see if they are in the correct position.

**NOTE:**

**Make sure to view the male end of the connector in the proper orientation as shown in the illustration.**

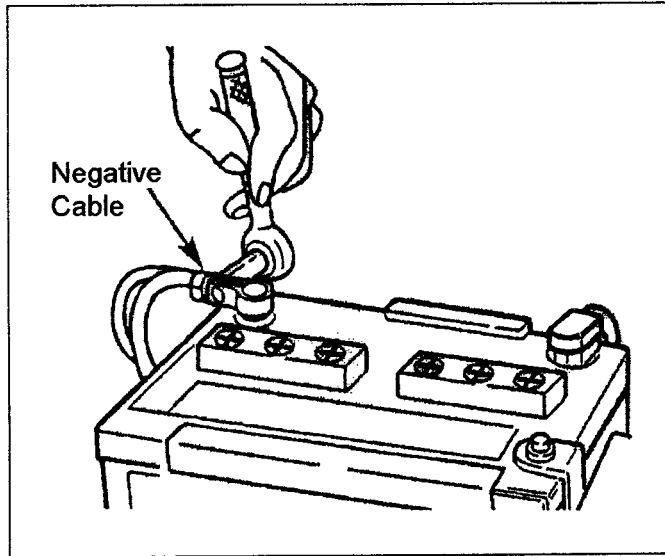
- (b) If the connector wires are correctly installed, installation of the wire seat jumper is NOT REQUIRED, proceed to section "VI. SSC COMPLETION LABEL INSTALLATION".
- (c) If the connector wires were NOT correctly installed, proceed to step "B. INSTALL THE WIRE SEAT JUMPER".



## B. INSTALL THE WIRE SEAT JUMPER

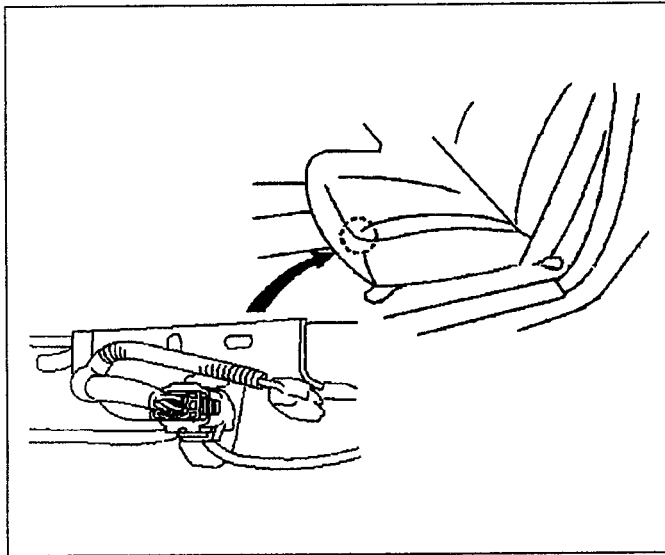
1. RECORD THE RADIO STATION PRESETS

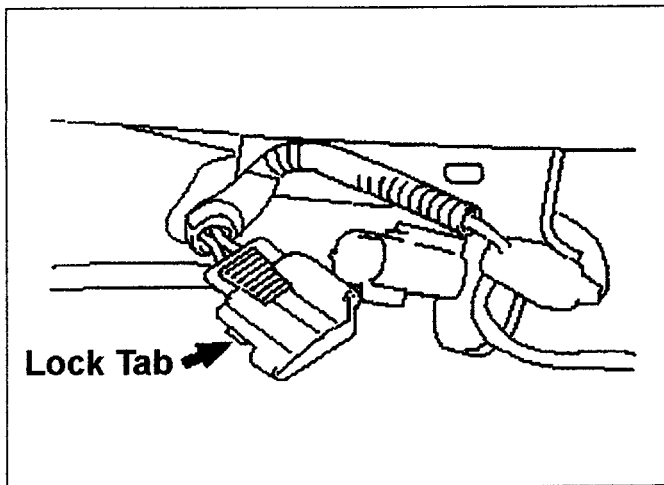
2. DISCONNECT THE NEGATIVE BATTERY CABLE



3. LOCATE THE BENCH SEAT FLOOR WIRE HARNESS

- (c) Slide the bench seat to the rearmost position.
- (d) Locate the floor wire harness and connector under the seat on the driver's side, closest to the front edge of the seat cushion.



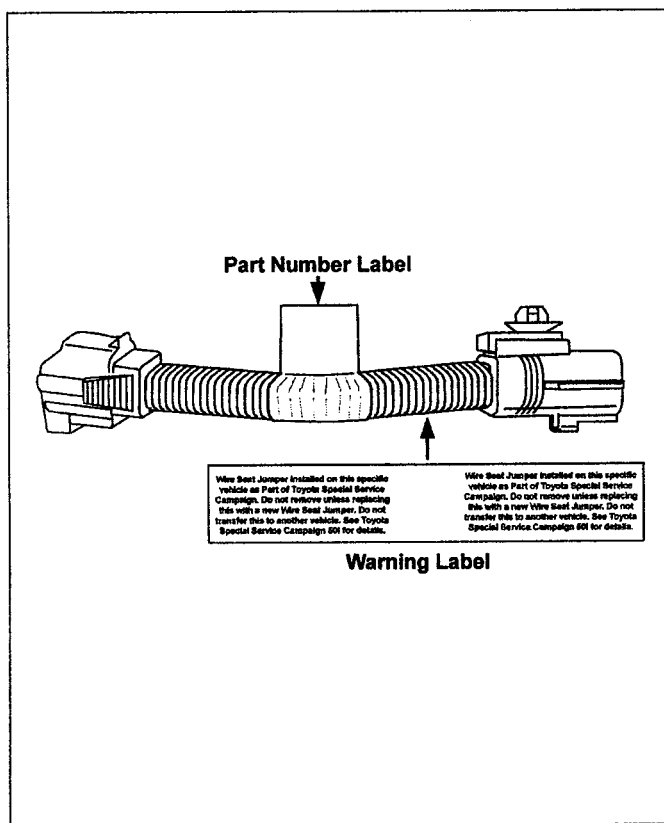


#### 4. INSTALL THE WIRE SEAT JUMPER

**NOTE:**

**DO NOT** install the wire seat jumper on a vehicle which is **NOT** on the VIN list!

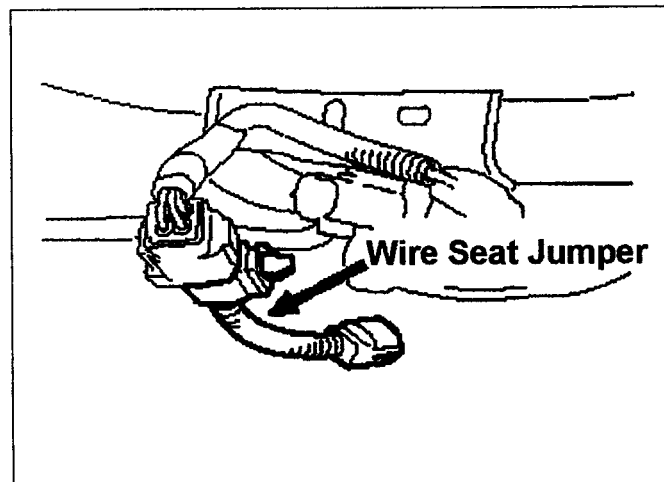
- (a) Push the lock tab on the connector and pull to remove the female portion of the connector.



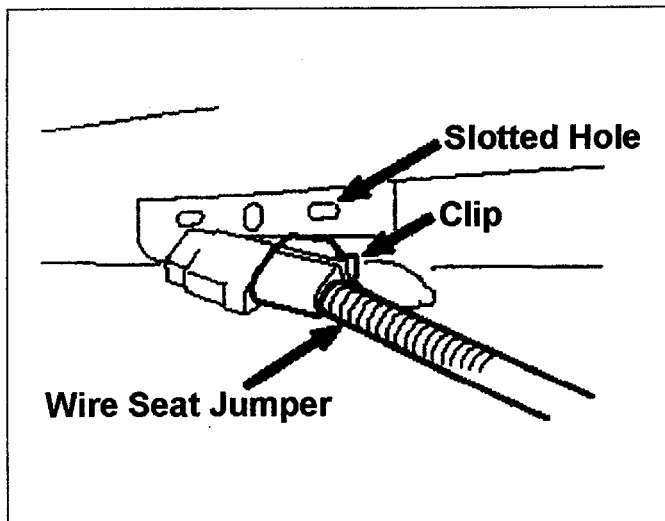
- (b) Before installing the wire seat jumper to the vehicle, attach the Warning Label (shown in the illustration) onto the corrugated tubing, next to the Part Number Label.

**NOTE:**

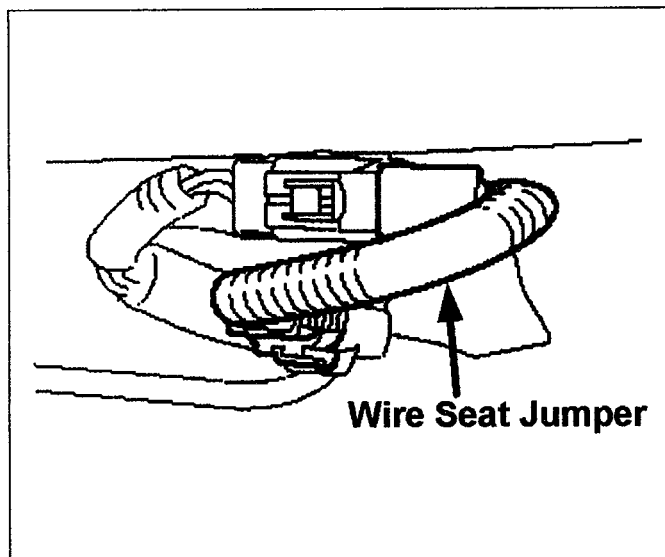
- Attach the Warning Label in a similar manner to the Part Number Label, making sure not cover the information printed on it.
- **DO NOT** remove the Part Number Label or cover it with the Warning Label.
- A small supply of labels were sent with the Service Manager Package. Additional labels can be ordered from the Material Distribution Center (p/n 00410-92017).



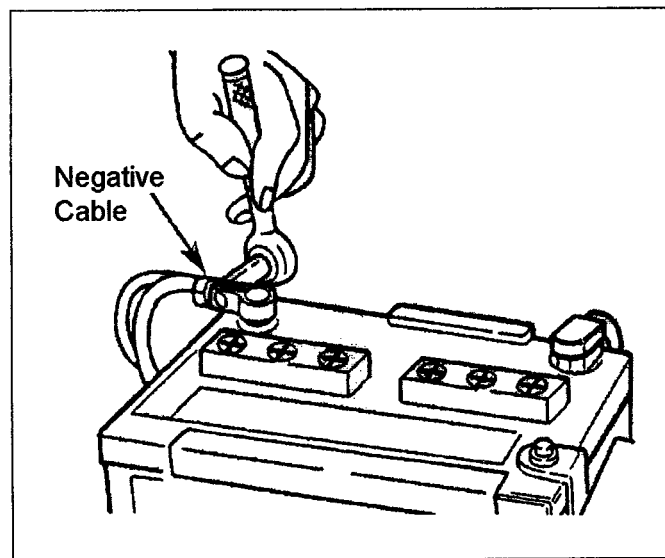
- (c) Connect the male portion of the wire seat jumper to the female portion of the floor wire harness, as shown in the illustration.
- (d) Push and pull the connectors to confirm that they are locked in place.



- (e) Insert the wire seat jumper connector clip into the slotted hole on the seat bracket.



- (f) Connect the female portion of the wire seat jumper to the male portion of the floor wire harness, as shown in the illustration.
- (g) Push and pull the connectors to confirm that they are locked in place.
- (h) Confirm that the wire seat jumper is correctly routed.

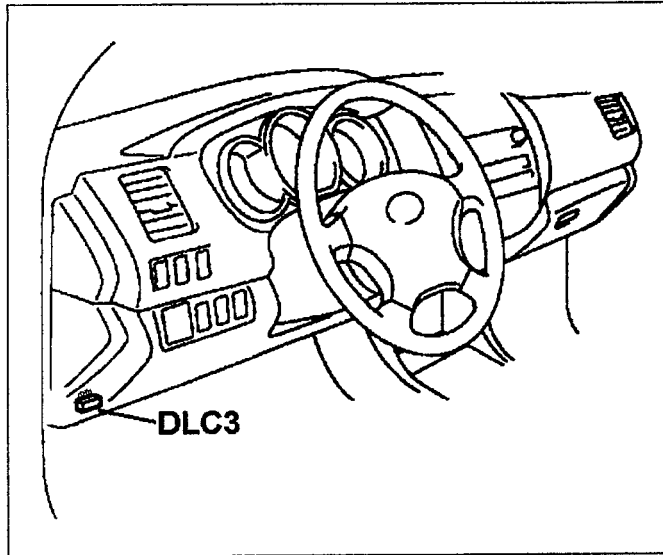


**5. RECONNECT THE NEGATIVE BATTERY CABLE**

**6. REPROGRAM THE RADIO STATION PRESETS AND SET THE CLOCK TO THE APPROPRIATE TIME**

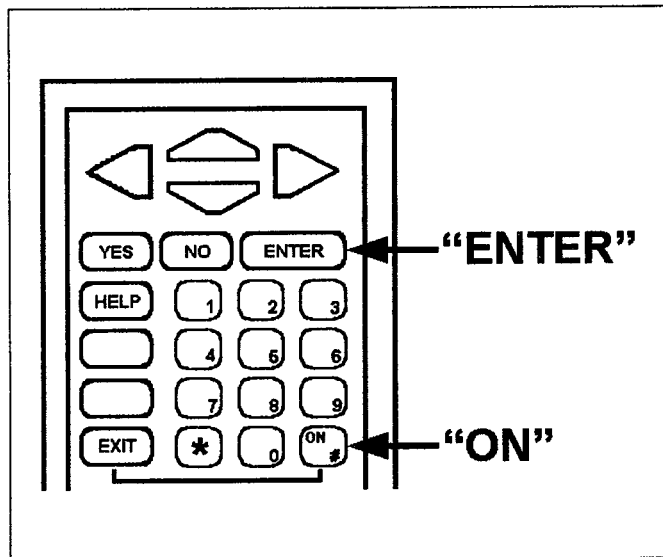


## C. VERIFY THE REPAIR USING THE SCAN TOOL

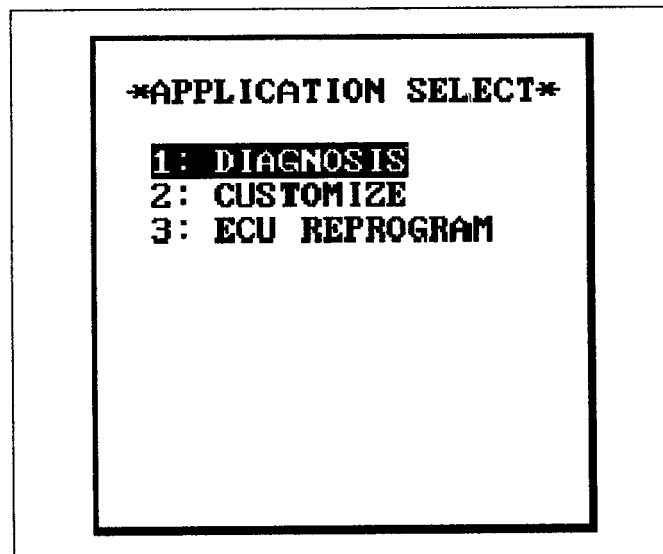


### 1. PREPARE THE SCAN TOOL

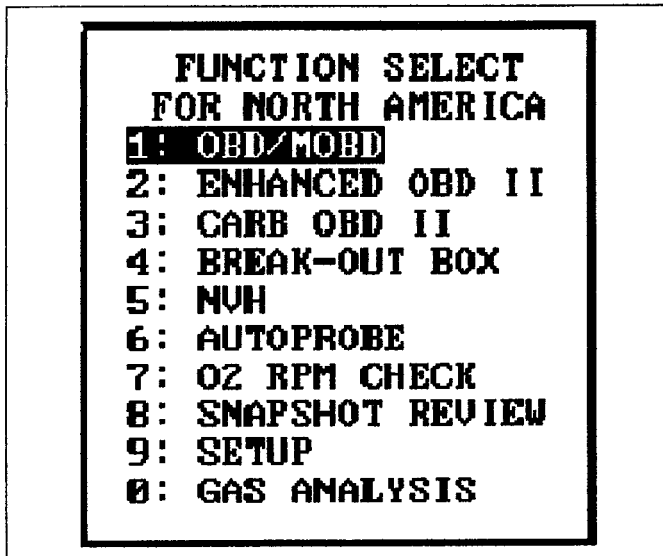
- (a) Remove the DLC3 connector cover.
- (b) Connect the scan tool to the DLC3 connector.
- (c) Turn the ignition switch to the "ON" position.



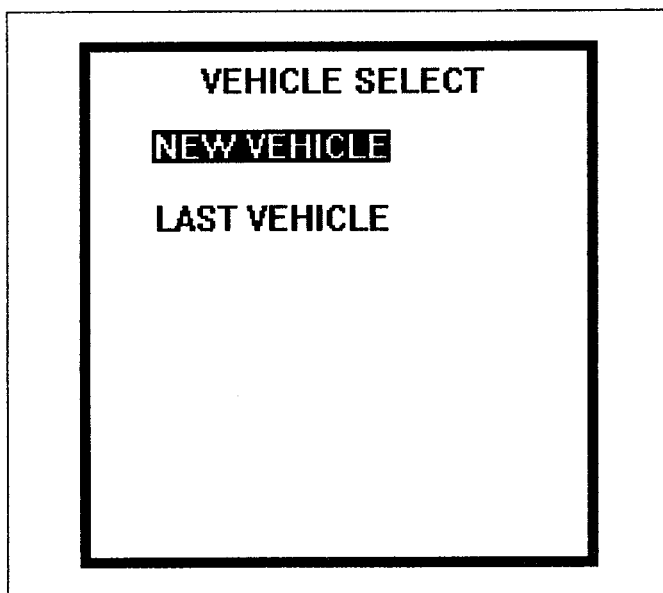
- (d) Turn the scan tool ON by pressing the "ON" button.
- (e) Press "ENTER" after the start up screen appears.



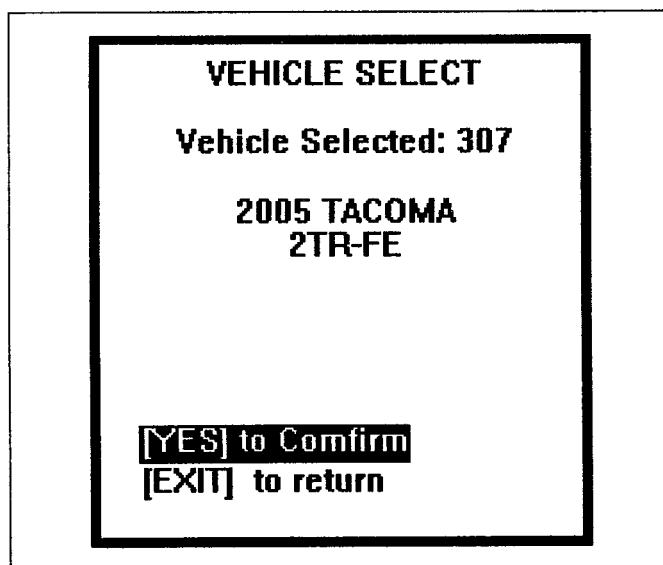
- (e) Select "1: DIAGNOSIS" from the "APPLICATION SELECT" menu.



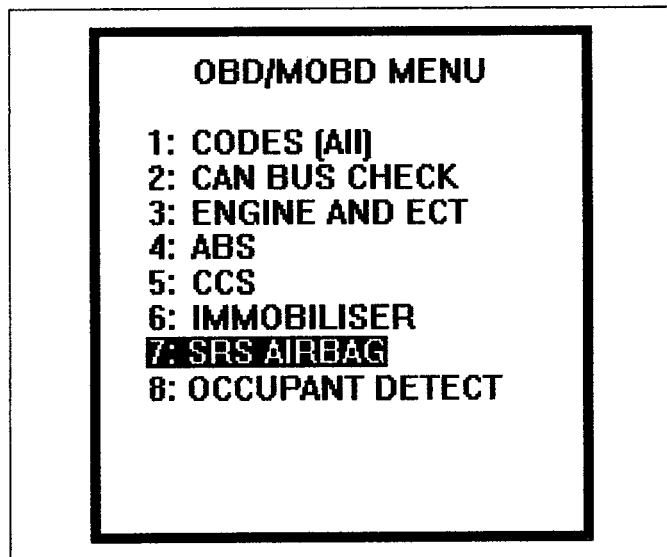
- (f) Select "1: OBD/MOBD" from the "FUNCTION SELECT FOR NORTH AMERICA" menu.



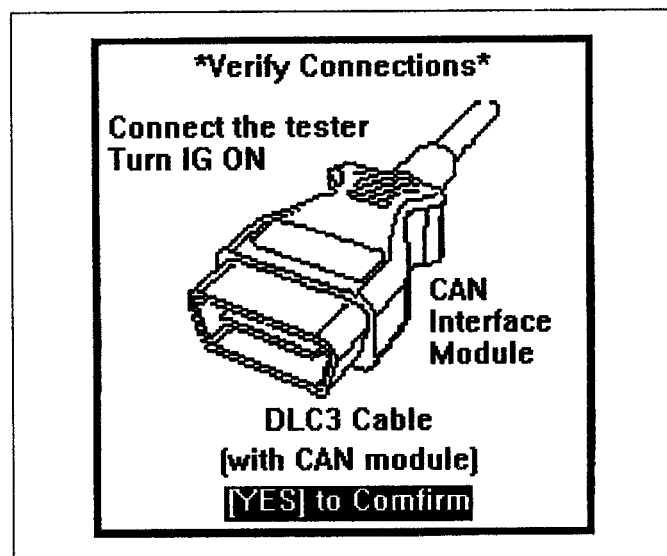
- (g) Select "NEW VEHICLE" from the "VEHICLE SELECT" menu.



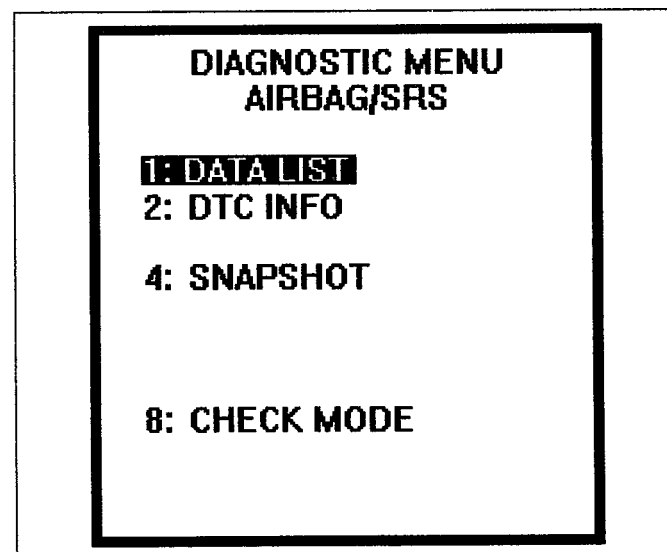
- (h) Go through the options and select the following information.
- MODEL YEAR – 2005
  - MODEL SELECTION – Tacoma
  - ENGINE TYPE – 2TR-FE (4-cylinder)
- (i) Once these options are selected, a vehicle confirmation screen (shown in the illustration) will be displayed.
- (j) Review the vehicle selection.
- (k) Press "YES" to confirm the selection.



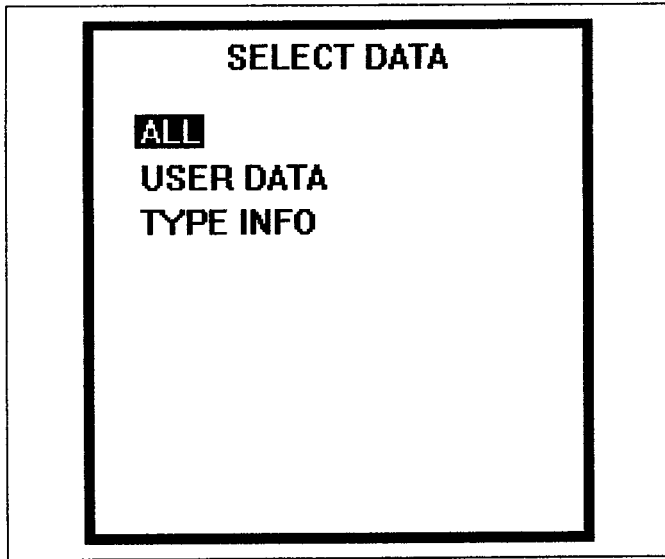
(l) Select "7: SRS AIRBAG" from the "OBD/MOBD MENU".



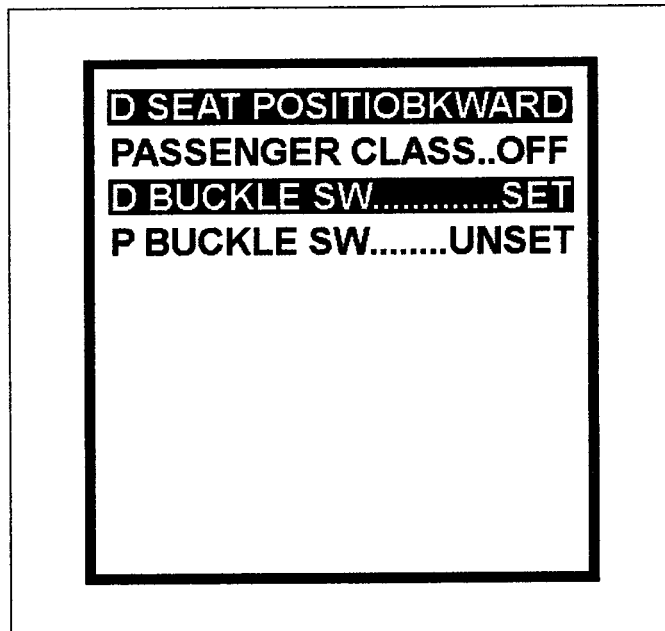
(m) Press the "YES" button when the "VERIFY CONNECTIONS" screen appears.



(n) Select "1: DATA LIST" from the "DIAGNOSTIC MENU, AIRBAG/SRS" system.



- (o) Select "ALL" from the "SELECT DATA" menu.

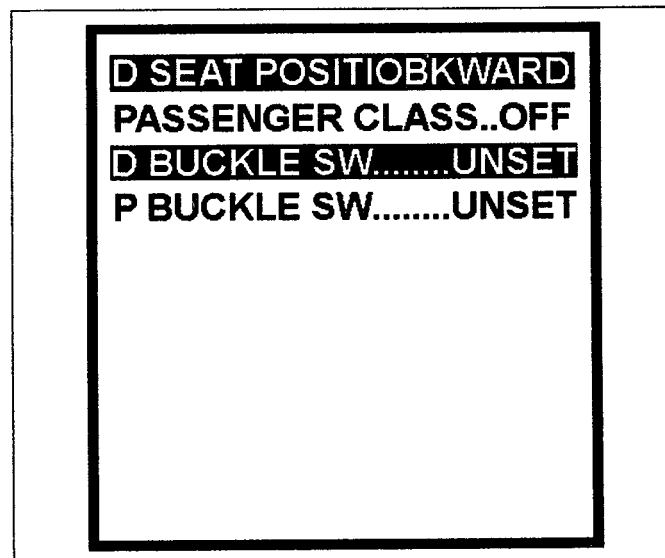


## 2. VERIFY THE REPAIR

### (Test #1)

- (a) Move the bench seat to the rearmost position.
- (b) Buckle the driver's seat belt.
- (c) Confirm that the scan tool displays the data shown below and in the illustration.

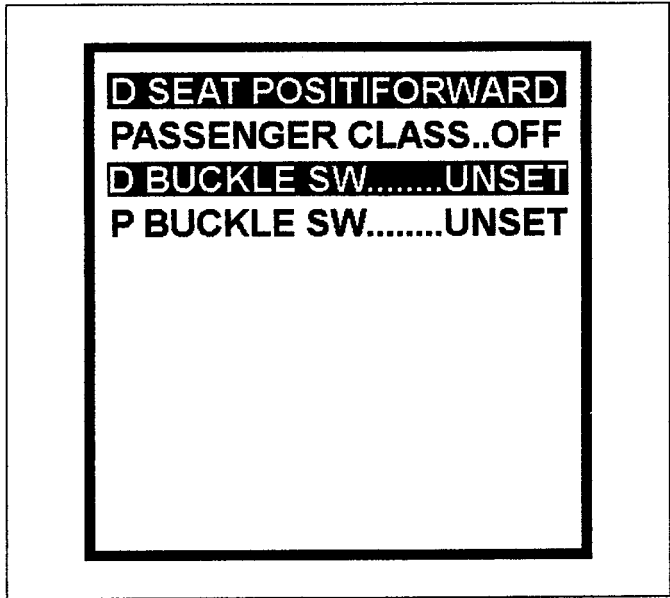
- "D SEAT POSITIOBKWARD"  
(Driver's seat is in the backward position).
- "D BUCKLE SW.....SET"  
(Driver's seat belt buckle switch is set/buckled).



### (Test #2)

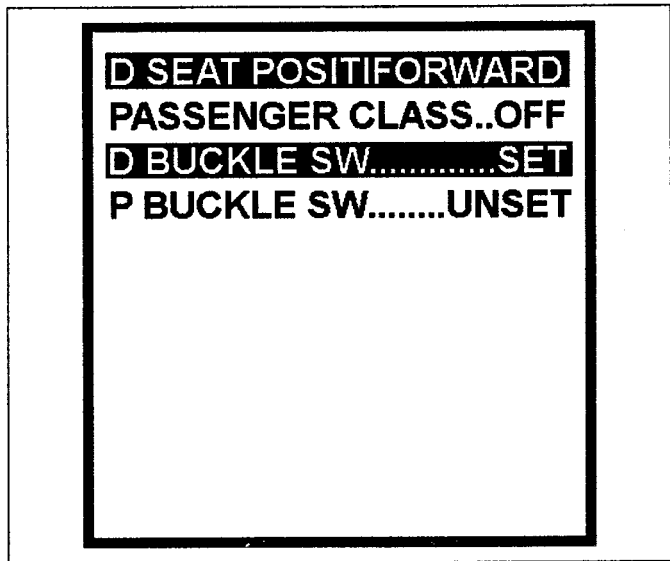
- (a) Leave the bench seat in the rearmost position.
- (b) Unbuckle the driver's seat belt.
- (c) Confirm that the scan tool displays the data shown below and in the illustration.

- "D SEAT POSITIOBKWARD"  
(Driver's seat is in the backward position).
- "D BUCKLE SW.....UNSET"  
(Driver's seat belt buckle switch is unset/unbuckled).



**(Test #3)**

- (a) Move the bench seat to the foremost position.
- (b) Leave the driver's seat belt unbuckled.
- (c) Confirm that the scan tool displays the data shown below and in the illustration.
  - "D SEAT POSITIFORWARD" (Driver's seat is in the forward position).
  - "D BUCKLE SW.....UNSET" (Driver's seat belt buckle switch is unset/unbuckled).



**(Test #4)**

- (a) Leave the bench seat in the foremost position.
- (b) Buckle the driver's seat belt.
- (c) Confirm that the scan tool displays the data shown below and in the illustration.
  - "D SEAT POSITIFORWARD" (Driver's seat is in the forward position).
  - "D BUCKLE SW.....SET" (Driver's seat belt buckle switch is set/buckled).

**3. TEST RESULTS**

- (a) If ALL four test results are OK the vehicle has been repaired, proceed to step "4. REMOVE THE SCAN TOOL".
- (b) In the UNLIKELY event that the test results are NG, refer to the troubleshooting flowchart located in section "VII. APPENDIX".

#### 4. REMOVE THE SCAN TOOL

- (a) Turn the scan tool OFF by pressing the "EXIT" and "#" button simultaneously.
- (b) Turn the ignition switch "OFF".
- (c) Disconnect the scan tool from the DLC3 connector.

### VI. SSC COMPLETION LABEL INSTALLATION

After completing the repair and before returning the vehicle to the owner, an SSC completion label, which is enclosed in the owner's notification letter, must be affixed to the left front door hinge post, near the check strap.

(a) The label is to be filled out as follows:

- Write in SSC 50I.
- Write in date of repair.
- Write in your dealer code.

SSC	Date
DEALER CODE NO.	
00410-01917	

(b) Additional SSC completion labels, in sheets of 50 (P/N 00410-01917), may be ordered through the non-parts system on a 1450 order form or through the TDN system.

### VII. APPENDIX

Troubleshooting Flowchart

