



Toyota Motor Sales, U.S.A., Inc.
19001 South Western Avenue
Torrance, CA 90501
(310) 468-4000

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

SUBJECT: SPECIAL SERVICE CAMPAIGN – X03
(1998 AND 1999 LAND CRUISER TRAILER TOWING WIRE HARNESS
CONVERTER REPLACEMENT AND RELOCATION)

Toyota will initiate a Special Service Campaign to replace and relocate the Toyota Trailer Towing Wire Harness Converter (converter) on certain 1998 and 1999 model year Land Cruisers equipped with a Trailer Towing Hitch. This accessory is included in the Towing Hitch Kit installed by ports (PIO) and by dealers (DIO); it is also sold by dealers as a separate “replacement” part.

Due to inadequate waterproofing performance and installation location of the converter, which is mounted on the exterior of the vehicle, an electrical short circuit may occur if water enters the converter housing. The short circuit can cause a failure of the converter, and if a trailer is being towed at the time, can also cause failure of the trailer lights. In limited cases, the converter housing could melt.

In extreme instances, an electrical feedback to the vehicle’s fuse may occur. This feedback can open-circuit (blow) the fuse, disabling the vehicle’s rear lights and preventing the ability to shift the transmission out of “Park”.

1. Owner Notification Mailing Date

The owner notification will be conducted in two phases:

- The first phase will be launched on May 20, 1999 and involve vehicles equipped with port installed (PIO) Towing Hitch Kits. (Phase 1)
- The remaining vehicle owners, who’s vehicles may be equipped with a dealer installed (DIO) Trailer Towing Wire Harness Converter, will be notified in the second phase to be launched in early June, 1999. (Phase 2)

If you are contacted by the owner of an involved vehicle who has not yet received a notification, please verify eligibility by referring to the VIN range and confirming TDN. Perform repairs as outlined in the technical instructions.

2. Identification of Involved Vehicles

Model	VDS	MY	Serial Range*
Land Cruiser	HT05J	1998=W 1999=X	0001010-0062269

* As always, check TDN to confirm VIN eligibility and to assure the SSC has not already been completed by another dealer.

3. **Dealer/Owner Lists**

Dealer/Owner Lists have been distributed to each dealer Service Manager and Parts Manager for this phase of the SSC.

- The Phase 1 list contains all the VIN's which, according to our records, were equipped with a trailer towing hitch by the port (PIO).
- The Phase 2 list, representing all remaining owners, will be released in conjunction with the Phase 2 Owner Notification.
- These lists are based on Primary Marketing Area (PMA) where applicable. If there is no PMA for an address, it reverts to the selling dealer.
- Based on our records, dealers who do not have any vehicles involved in this phase, will not receive a list.

4. **Repair Procedures**

Refer to the attached Technical Instructions.

5. **Vehicles in Dealer Stock**

Dealers are required to perform the campaign procedure on any vehicles in their stock prior to sale or lease of the vehicles.

6. **Parts Ordering**

The necessary parts can be ordered through your facing PDC. To prevent parts shortages and excess parts stock at dealerships, the SSC parts will initially be placed on manual allocation. Each order will be reviewed prior to release. Orders exceeding the appropriate quantities will be cancelled. Dealers should use the "Suggested Initial Parts Order Quantity" which is printed on each Dealer/Owner List (sent to Service and Parts Manager) as a guide. This will assure adequate and balanced SSC parts inventory.

SSC Part Number	SSC Part Name	Qty/Vehicle
04008-60990	Trailer Towing Wire Harness	1

7. **Pre-SSC Parts in Dealer Stock**

Please ensure that any of the following parts for the 1998/1999 Land Cruiser Towing Hitch Kit and Trailer Towing Wire Harness Converter remaining in your inventory are not sold:

Part Description	Part Number
Towing Hitch Kit	PT228-60980 PT228-60984
Trailer Towing Wire Harness Converter	PT207-60980 PT207-60991

All Pre-SSC kits or parts are to be returned to your facing PDC utilizing the following instructions:

- Complete form *TMP134* and check Return Code of R2.
- No pre-approval is required, but **attach a copy of this page of the dealer cover letter.**
- All parts must be returned no later than July 30, 1999.

Toyota Towing Hitch Kits, as well as "replacement" Converters, for new vehicle and over-the-counter sales will become available shortly. The SSC parts must not be utilized for purposes other than SSC repairs.

8. **Reimbursement Procedures**

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

The operation codes to be used for this campaign are as follows:

SSC #	Op. Code	Description	Flat Rate Hour
X03	9514D1	Trailer Towing Wire Harness Inspection Only	0.2 Hrs/Veh
X03	9514D2	Trailer Towing Wire Harness Inspection, Replacement, and Relocation	1.2 Hrs/Veh

NOTE: The above flat rate time includes 0.1 hours of 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, and implement this Special Service Campaign to ensure customer satisfaction.

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

**1998 and 1999 MY Toyota Land Cruiser
Trailer Towing Wire Harness Converter Safety Recall Notice**

Dear Toyota Owner:

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 certain 1998 and 1999 model year Land Cruisers equipped with the Toyota Trailer Towing Wire Harness Converter ("Converter").

The Converter (included as a component of the Towing Hitch Kit Accessory) integrates the vehicle's tail lights, brake lights, and turn-signal lights with those equipped on a trailer.

What is the problem?

An electrical short circuit may occur in the Converter, which can cause a failure of the Converter as well as trailer lights. In limited cases the Converter housing could melt. In extreme instances, an electrical feedback may open-circuit (blow) the vehicle's fuse, disabling the vehicle's rear lights and impeding the ability to shift the transmission out of "Park." In the worst case, driving without the vehicle's rear and/or trailer lights will increase the possibility of a vehicle accident.

What will Toyota do?

Any Toyota dealer will replace the Trailer Towing Wire Harness Converter with an improved one at NO COST to you.

What should you do?

Contact any authorized Toyota dealer to schedule an appointment for the replacement of the Converter as soon as possible.

The labor time for the replacement of the Converter is approximately 1.2 hours. However, depending upon the dealer's work schedule, it may be necessary to make your vehicle available for a longer period of time.

Please present this notice to the dealer when you bring the vehicle in for your service appointment.

If your vehicle is not equipped with a Trailer Towing Hitch Accessory or you no longer own the vehicle, please complete the appropriate information on the enclosed postage paid form, and return it to us.

If you have other questions

Please contact any Toyota dealer or call the Toyota Customer Assistance Center at 800-331-4331.

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 800-424-9393 (Washington, D.C. area residents may call 366-0123).

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

Thank you for driving a Toyota.

Sincerely,

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

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What will Toyota do?

Any Toyota dealer will inspect, and if your vehicle is so equipped, replace the Converter with an improved one at NO COST to you.

What Should You Do?

Contact any authorized Toyota dealer to schedule an appointment for the replacement of the Converter as soon as possible.

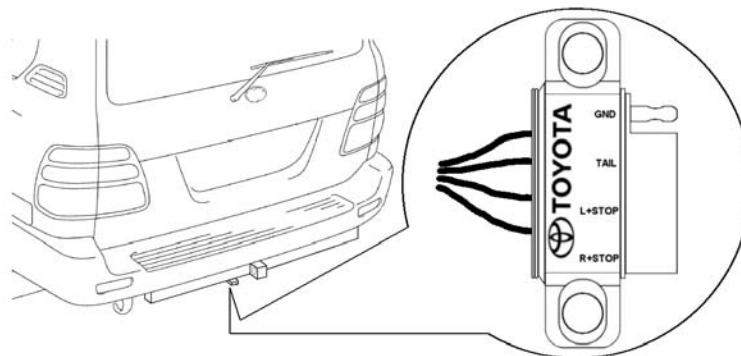
The labor time for the replacement of the Converter is approximately 1.2 hours. However, depending upon the dealer's work schedule, it may be necessary to make your vehicle available for a longer period of time.

Please present this notice to the dealer when you bring the vehicle in for your service appointment.

If you determine your vehicle is not equipped with a Trailer Towing Hitch, the involved Converter, or you no longer own the vehicle, please check the appropriate box on the attached postage paid form and return it to us.

How can you identify the affected Trailer Towing Wire Harness Converter?

If you prefer to inspect the vehicle yourself, the Converter can be identified by using a mirror to inspect the underside of the "Flat Four" trailer connector (mounted on the driver's side, under the Trailer Towing Hitch) for the Toyota Logo as indicated in the diagram.



What if you have other questions?

Please contact any Toyota dealer or call the Toyota Customer Assistance Center at 800-331-4331.

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 800-424-9393 (Washington, D.C. area residents may call 366-0123).

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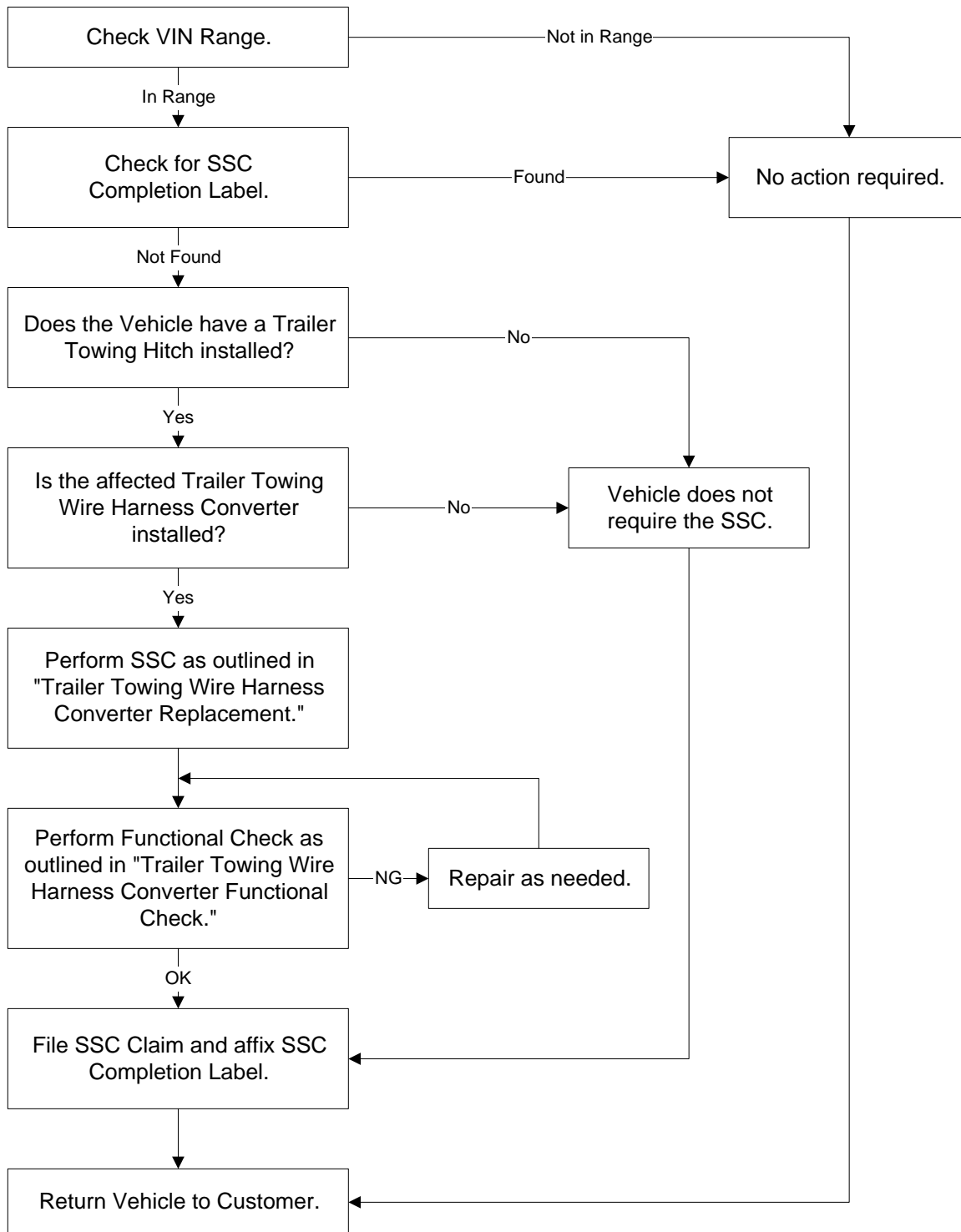
Sincerely,
TOYOTA MOTOR SALES, U.S.A., INC.

TECHNICAL INSTRUCTIONS

SSC – X03

**TRAILER TOWING WIRE HARNESS CONVERTER
REPLACEMENT AND RELOCATION
FOR 1998 AND 1999 MY LAND CRUISER**

A. OPERATION FLOW CHART



B. AFFECTED VIN RANGE

Model Year	Models	VDS	Serial Range*
1998/1999	Land Cruiser	HT05J	0001010 – 0062269

* The Serial Range is preceded with the Model Year Indicator:

1998 = W

1999 = X

NOTE:

Always check TDN to confirm VIN eligibility and to assure the SSC has not already been completed by another dealer.

C. PREPARATION

1. PARTS

SSC Part Number	SSC Part Name	Qty/Vehicle
04008-60990	Trailer Towing Wire Harness	1

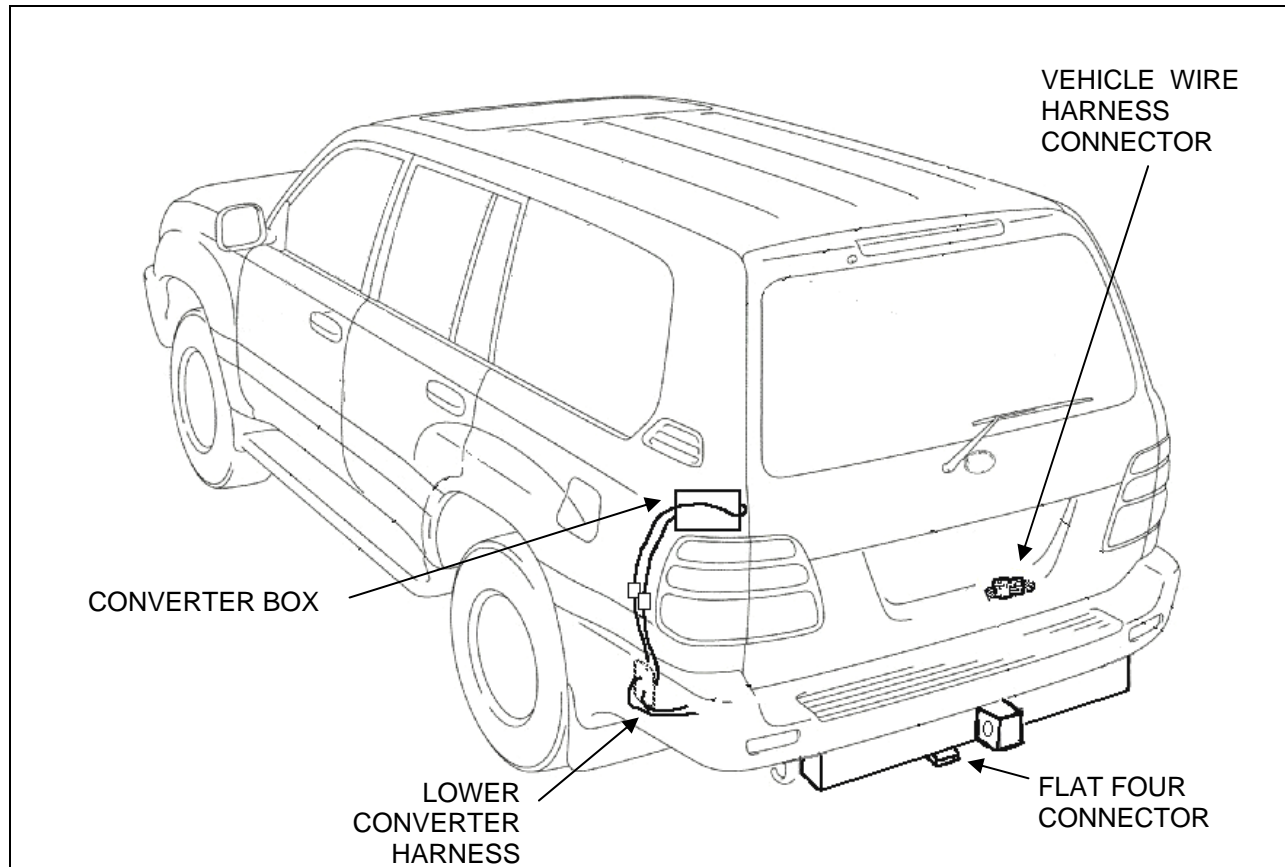
The trailer towing wire harness includes the following components:

- Converter Assembly
- Lower Harness Assembly
- Zip Ties
- Foam Tape
- Screws

2. TOOLS

- Standard Tools
- T25 Torx® Wrench

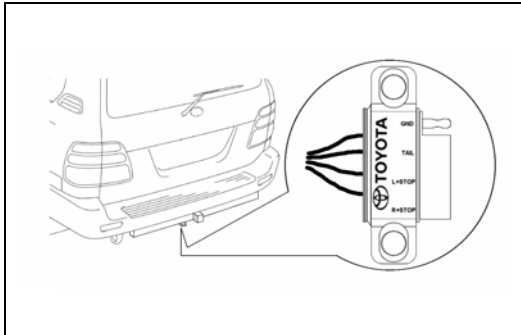
D. COMPONENT OVERVIEW (AFTER SSC COMPLETION)



E. VEHICLE INSPECTION

1. VERIFY VEHICLE ELIGIBILITY

- (a) Confirm that the VIN is within the SSC VIN range.
- (b) Inspect the driver's side door pillar for an SSC completion label.
- (c) Assure that the vehicle is equipped with a trailer towing hitch.

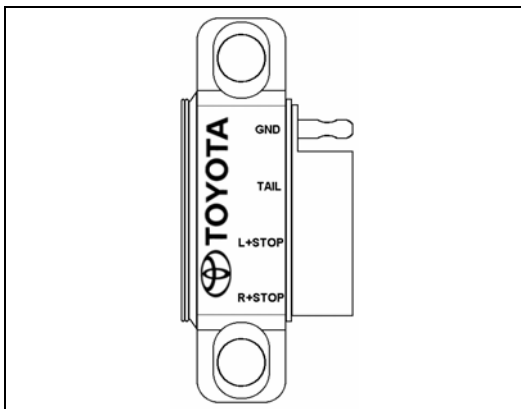



2. INSPECT TRAILER TOWING HITCH FLAT FOUR CONNECTOR


The involved converter can be identified by using a mirror to inspect the underside of the trailer towing hitch “flat four” connector (mounted on the driver’s side, under the trailer towing hitch) for the Toyota logo as indicated in the diagram.

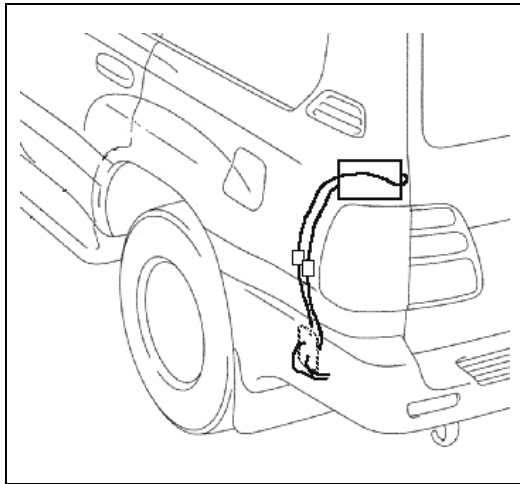
NOTE:

Since a customer may elect to install an aftermarket trailer towing hitch, each vehicle must be inspected to determine if it is equipped with the involved Toyota trailer towing wiring harness converter.



- (a) If the “flat four” connector **has** “ TOYOTA” imprinted on it, then **continue with step 3 of the inspection.**

- (b) If the “flat four” connector **does not have** “ TOYOTA” imprinted on it, the wiring harness is a non-Toyota aftermarket component. **Proceed to section H. “SSC COMPLETION LABEL INSTALLATION”** and file an “INSPECTION ONLY” SSC claim.

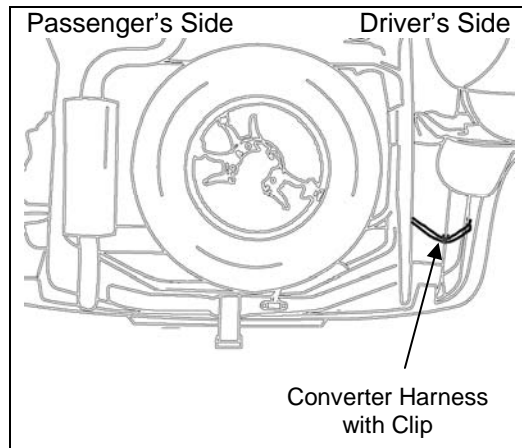


3. INSPECT CONVERTER LOWER WIRE HARNESS ROUTING

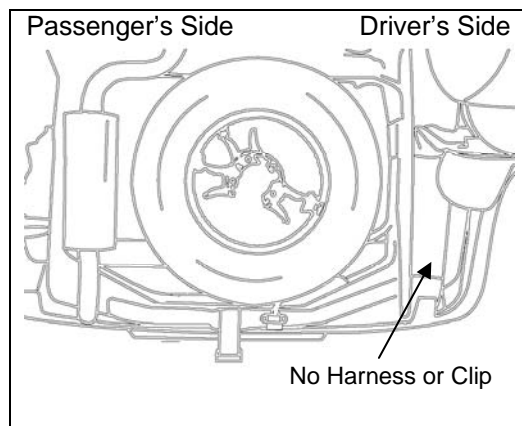
Inspect the converter lower wire harness routing to determine if the improved converter has been installed.

NOTE:

The improved converter is installed in the mounting cavity above the driver's side outboard taillight. The lower wire harness passes through a body plug and is routed under the body. It is then clipped to the underside of the body.

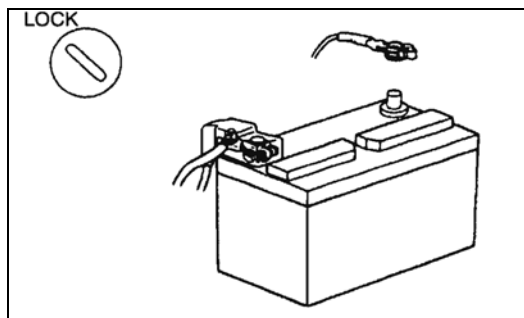


- (a) If the converter lower **wiring harness is clipped** to the body as shown, then the vehicle has already been equipped with the improved converter. **Proceed to section H. "SSC COMPLETION LABEL INSTALLATION."**



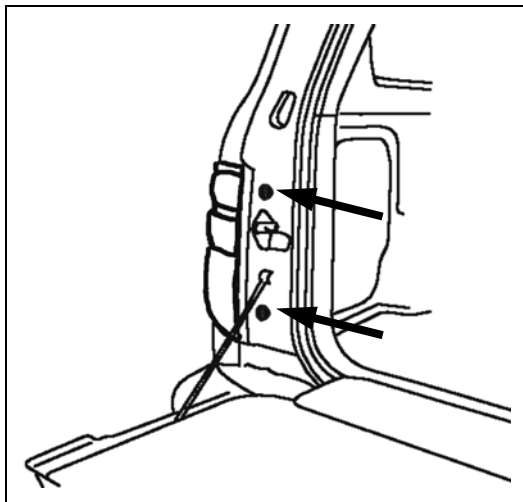
- (b) If the converter lower **wiring harness is not found** in this location, the converter must be replaced. **Replace the converter as outlined in section F. "TRAILER TOWING WIRE HARNESS CONVERTER REPLACEMENT."**

F. TRAILER TOWING WIRE HARNESS CONVERTER REPLACEMENT



1. DISCONNECT THE BATTERY

- (a) Record radio station presets.
- (b) Disconnect the negative (-) terminal from the battery.

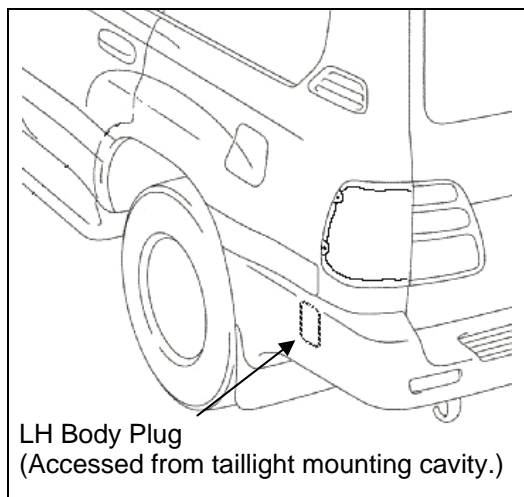


2. REMOVE DRIVER'S SIDE OUTBOARD TAILLIGHT ASSEMBLY

- (a) Open the upper and lower rear doors (tailgate).
- (b) Remove the two screws using a Torx® T25.
- (c) Carefully remove the taillight assembly.
- (d) Disconnect the taillight wire harness at the connector and set the assembly aside.

NOTE:

- Do not allow the taillight assembly to hang against the body by the wire harness.
- Use caution when disconnecting the taillight wire harness connector.
- Take care not to drop the taillight assembly.



3. REMOVE DRIVER'S SIDE BODY PLUG

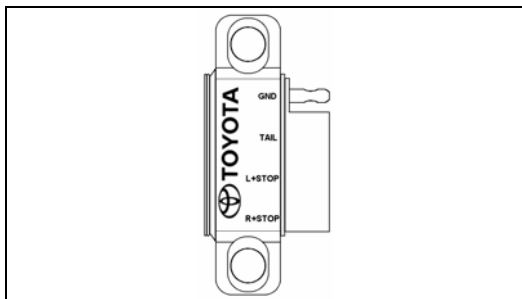
- (a) Access the body plug through the taillight mounting cavity.
- (b) Using a screwdriver, carefully release the top of the body plug and remove by pressing it out of the body.

NOTE:

To prevent paint damage, please tape the screwdriver tip.
The body plug is located behind the rear bumper cover.

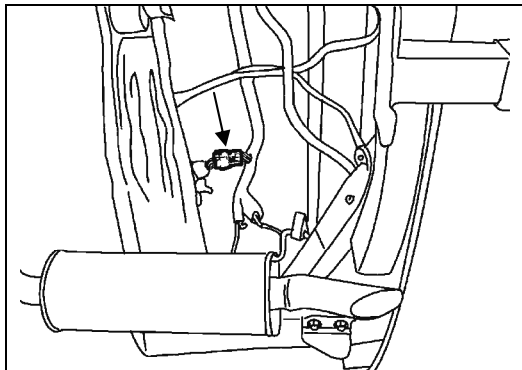
4. REMOVE THE SPARE TIRE

- (a) Remove the spare tire crank from the tool bag.
- (b) Assemble the spare tire crank.
- (c) Remove the bumper cover plug.
- (d) Insert the crank and engage the winch receptacle.
- (e) Turn the crank to lower the spare tire and remove the tire.

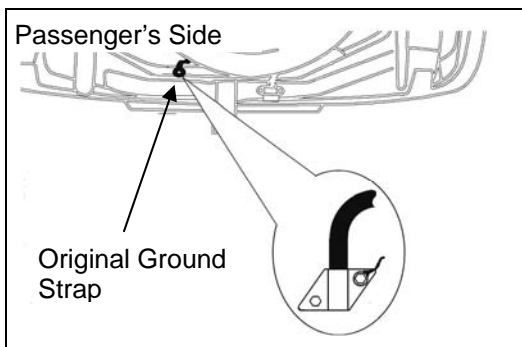


5. REMOVE THE ORIGINAL CONVERTER AND TRAILER HITCH WIRING HARNESS

- (a) Unbolt the original “flat four” connector from the trailer hitch.



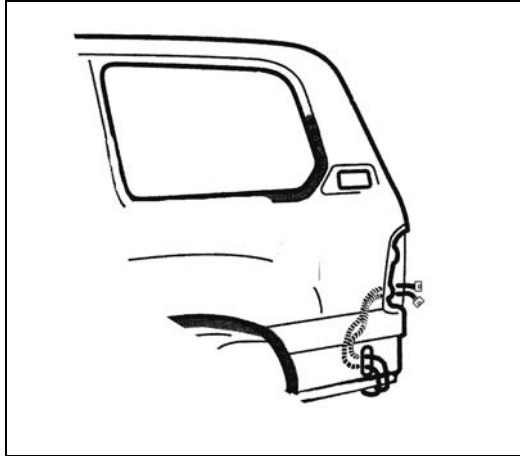
- (b) Disconnect the original converter wiring harness from the vehicle wire harness.



- (c) Remove the original ground strap.
 - 1. Unbolt the original ground strap bolt.
 - 2. Remove the original ground strap from the bolt.
 - 3. Reinstall the bolt.
- (d) Cut the zip ties and remove the original converter with harness (located on a bracket above the spare tire mounting bracket).

NOTE:

The original converter box must be returned through the Warranty Parts Recovery System.



6. INSTALL THE NEW LOWER CONVERTER HARNESS

- (a) Pass the two connectors through the LH body hole (where the body plug was removed) and route them toward the opening of the taillight mounting cavity.

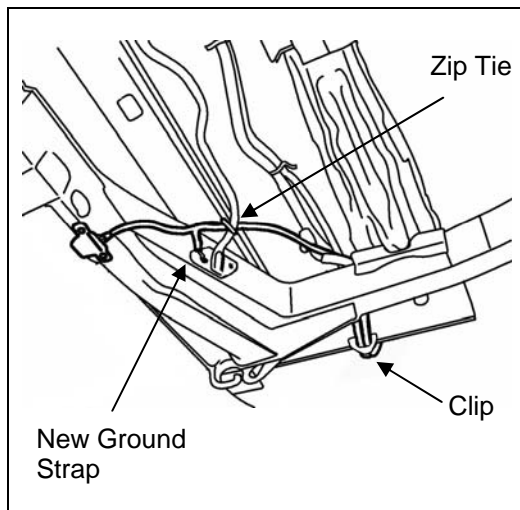
NOTE:

As you route the two connectors upward through the body hole with one hand, place the other hand in the taillight mounting cavity and guide the lower converter harness.

- (b) Install the new body plug (with harness).

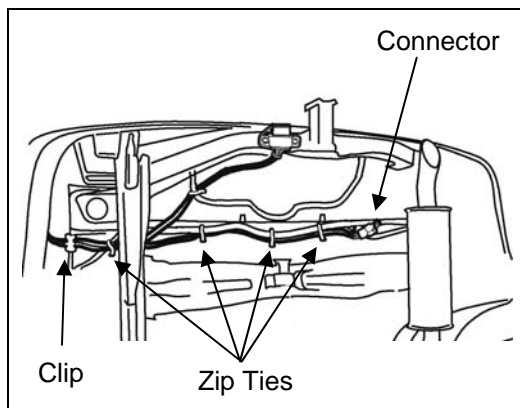
NOTE:

Ensure that the new body plug is firmly seated in the body hole.



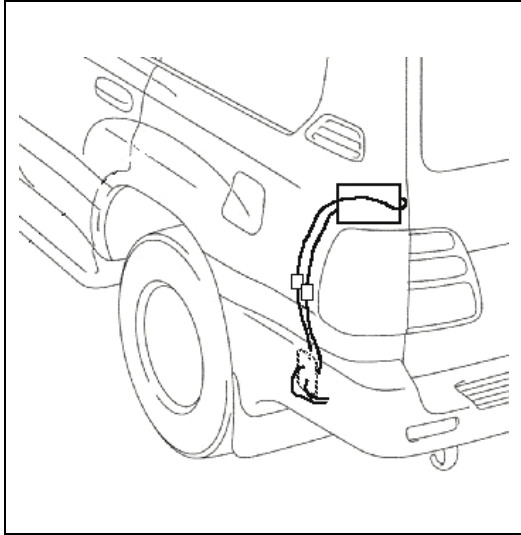
7. MOUNT THE NEW "FLAT FOUR" CONNECTOR

- (a) Route the "flat four" wire harness over the frame and spare tire mounting bar.
- (b) Install the new "flat four" connector on the trailer hitch with the two screws (supplied).
- (c) Remove the spare tire mounting bar bracket bolt and reinstall it with the new ground strap.
- (d) Secure the wire harness to the spare tire mounting bar using one zip tie (supplied).
- (e) Use the clip in the lower converter harness to mount the wires to the body.



8. CONNECT NEW LOWER CONVERTER HARNESS TO THE VEHICLE WIRE HARNESS

- (a) Route the lower converter harness over the frame and to the vehicle harness connector.
- (b) Connect the lower converter harness to the vehicle harness connector.
- (c) Secure the lower converter harness to the vehicle harness in the locations specified using four zip ties (supplied).



9. INSTALL THE NEW CONVERTER

- (a) Clean the converter mounting location using a non-residue cleaner.
- (b) Remove the backing on the installation tape.
- (c) Install the new converter on the flat surface in the cavity above the LH outboard taillight.

NOTE:

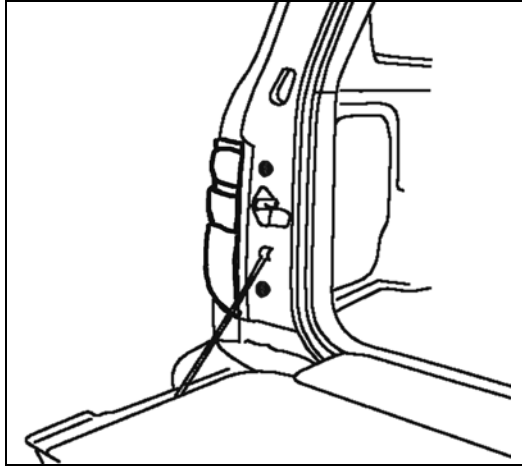
- Route the wire harnesses towards the front of the vehicle.
 - Be sure to install the converter high enough to clear the taillight assembly.
- (d) Connect the new converter to the lower converter wiring harness.
 - (e) Wrap the connectors in foam tape (supplied) to prevent rattling.
 - (f) Route the wire harness around the inside of the taillight mounting cavity and secure it with tape (supplied) to the body to prevent movement.

NOTE:

Be sure the wire harness does not interfere with the reinstallation of the taillight assembly.

10. REINSTALL THE SPARE TIRE

- (a) Reinstall the spare tire.
- (b) Disassemble the crank and return it to the tool bag.
- (c) Place the tool bag back in the vehicle.
- (d) Reinstall the bumper cover plug.



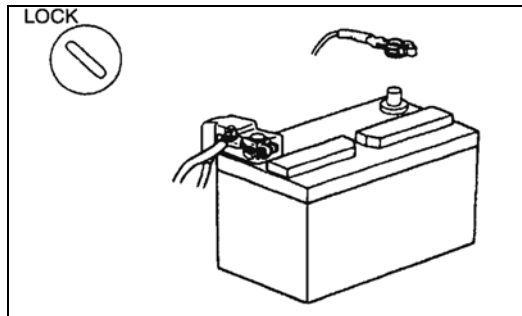
11. REINSTALL LH OUTBOARD TAILLIGHT ASSEMBLY

- (a) Reconnect the taillight wire harness connector.
- (b) Reinstall the taillight assembly with the two Torx® screws.

12. INSPECT FUSES

Inspect the following fuses and replace as required.

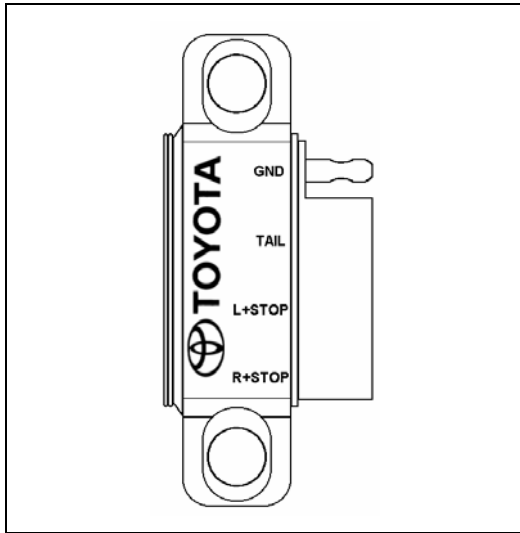
- (a) STOP (driver's side kick panel)
- (b) TAIL (driver's side kick panel)
- (c) HAZ-TRN (engine compartment)



13. RECONNECT THE BATTERY

- (a) Reconnect the negative (-) terminal of the battery.
- (b) Reset radio station presets.
- (c) Set clocks to the current time.
- (d) Perform functional check as outlined in section G.

G. TRAILER TOWING WIRE HARNESS CONVERTER FUNCTIONAL CHECK



Using a voltmeter (or SST 00002-62195 if available), verify the operation of the Vehicle Taillights and Trailer Towing Wire Harness Converter as outlined below:

(a) Hazard Lights

- (1) Turn on the hazard lights.
- (2) Verify that the vehicle hazard lights are operating correctly.
- (3) Using a voltmeter or SST verify converter operation. (check both L+STOP and R+STOP)
- (4) Turn off the hazard lights.

(b) Taillights

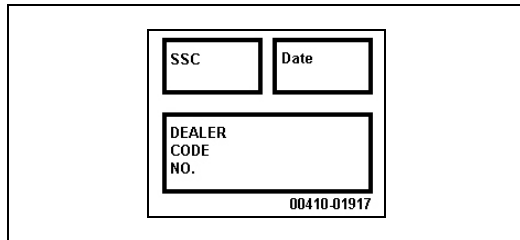
- (1) Turn the headlight switch to the ON position.
- (2) Verify that the vehicle taillights are illuminated.
- (3) Using a voltmeter or SST verify converter operation. (TAIL)
- (4) Turn off the headlights.

(c) Stop Lights

- (1) Have an assistant depress the brake pedal.
- (2) Verify that the vehicle stoplights are functioning properly.
- (3) Using a voltmeter or SST verify converter operation. (check both L+STOP and R+STOP)
- (4) Release the brake pedal.

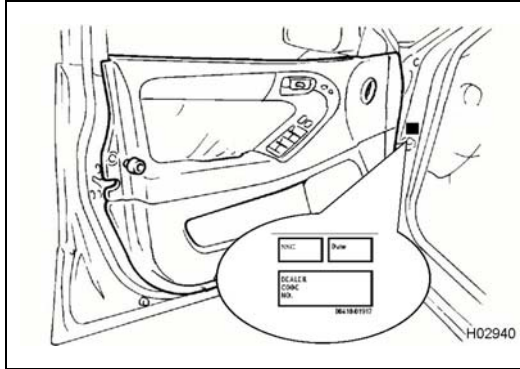
(d) Reinstall "flat four" connector dust cover.

H. SSC COMPLETION LABEL INSTALLATION



The diagram shows a rectangular label with a black border. It is divided into three sections: a top-left box labeled 'SSC', a top-right box labeled 'Date', and a larger bottom box labeled 'DEALER CODE NO.'. Below the bottom box, the part number '00410-01917' is printed.

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



INSTALLATION PROCEDURE

- (a) Write in SSC X03.
- (b) Write in date of repair.
- (c) Write in your dealer code.
- (d) Affix to left front door hinge post above the check strap.

NOTE:

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.