



Technical Service BULLETIN

March 31, 2000

Title: **TRAILER WIRE HARNESS**

Models: '00 Land Cruiser

T S B

AX002-00 ACCESSORIES

Introduction Starting December 1999, the 2000 MY Land Cruiser came equipped with a factory installed towing converter system.

The new converter system will require installation of a sub-harness (Service P/N 08921-60820) from converter to hitch which will be available in all PIO/DIO hitch kits (PT228-60003). This converter system is **not** interchangeable with the previous Trailer Harness Kit (P/N PT207-60994).

This bulletin provides a ten step procedure for replacing the new factory converter in case of repair or maintenance. Also provided is a procedure for functional verification once replacement is complete. Service Part Number 08940-60810 is to be ordered in the case of converter replacement. This service part contains the converter and wiring harness for the vehicle side. It does **not** contain the sub-harness (P/N 08921-60820) used from converter to hitch.

- Applicable Vehicles**
- **2000** model year **Land Cruiser** starting with **VIN: JT3HT05J#Y0094690**

Production Change Information

| MODEL | STARTING PRODUCTION DATE | STARTING VIN |
|--------------|--------------------------|-------------------|
| Land Cruiser | December 1999 | JT3HT05J#Y0094690 |

Parts Information

| PREVIOUS PART NUMBER | CURRENT PART NUMBER | PART NAME |
|----------------------|---------------------|--|
| PT207-60994** | 08921-60820** | Trailer Wire Harness |
| | 08940-60810** | Factory Converter Service Part and Vehicle Side Wiring Harness |

** Parts are not interchangeable

Required Tools & Material

| TOOLS | QUANTITY |
|---|----------|
| Torx T25 Wrench | 1 |
| Trailer Wire Harness Tester (SST 00002-62195) | 1 |

Warranty Information

| OP CODE | DESCRIPTION | TIME | OPN | T1 | T2 |
|---------|---------------------------|------|-------------|----|----|
| ZT1741 | R & R Trailer Wire Harnes | 0.7 | 08940-60810 | 99 | 99 |

Applicable Warranty*:

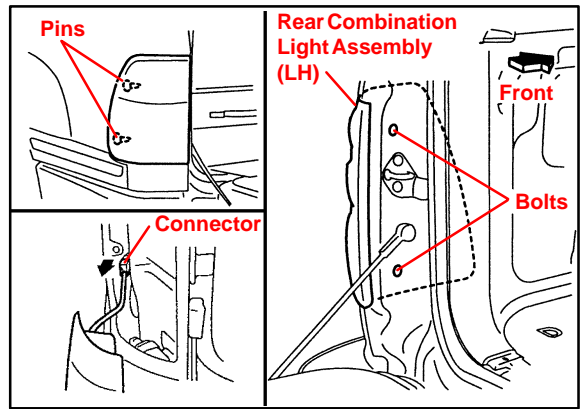
This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.

* Warranty application is limited to correction of a problem based upon a customer's specific complaint.

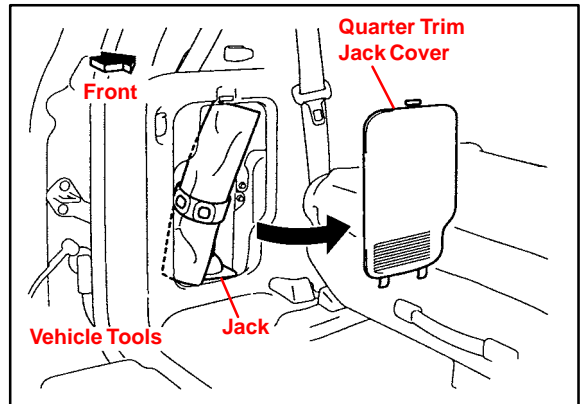


Repair Procedure

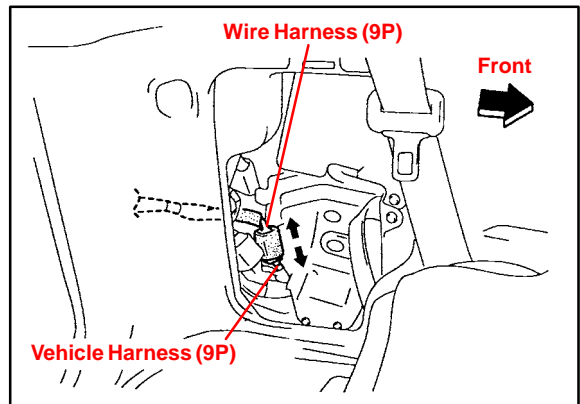
1. Remove the rear combination light assembly (LH).
 - A. Remove the two bolts.
 - B. Pull the assembly to the outside of the vehicle and remove the two pins.
 - C. Disconnect the connector and remove the rear combination light assembly (LH).



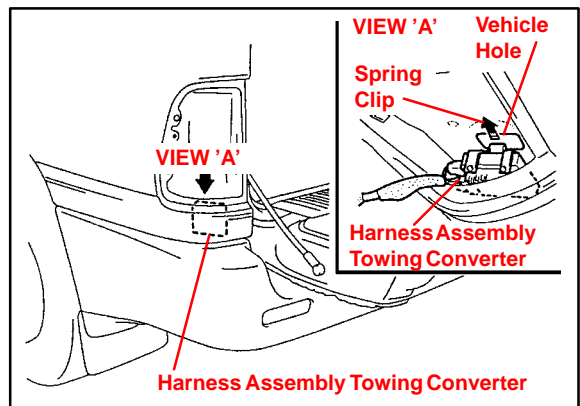
2. Remove the quarter trim jack cover.
3. Remove the vehicle tools and jack.



4. Disconnect the wire harness in the harness assembly towing converter from the vehicle harness (9P).

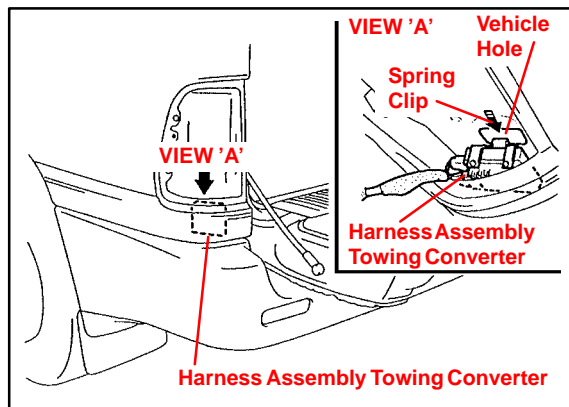


5. Remove the harness assembly towing converter from the vehicle hole by disengaging spring loaded clip and removing.

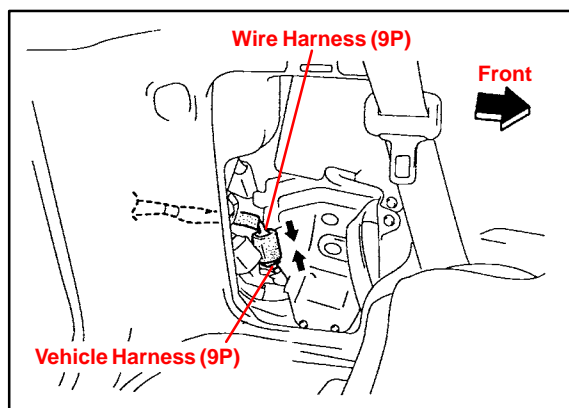


Repair Procedure
(Continued)

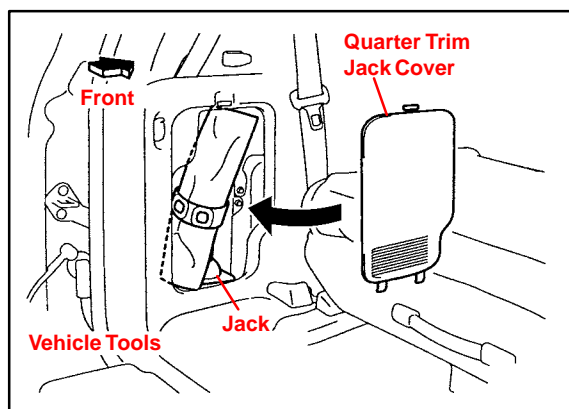
6. Install the new harness assembly towing converter into the vehicle hole by engaging spring clip.



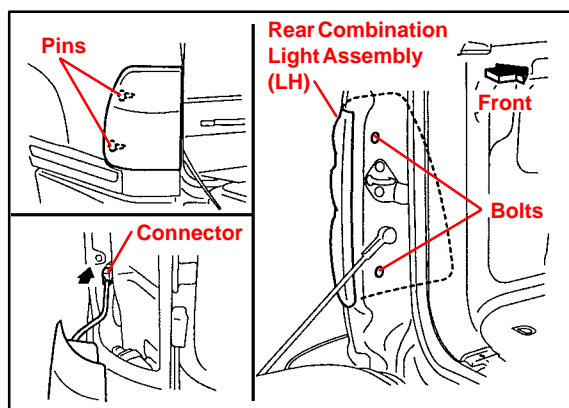
7. Connect the wire harness in the harness assembly towing converter to the vehicle harness (9 P).



8. Replace the vehicle tools and jack.
9. Replace the quarter trim jack cover.



10. Reinstall the rear combination light assembly (LH).
 - A. Connect the connector of the rear combination light assembly (LH) to the vehicle connector.
 - B. Replace the two pins in the rear combination light assembly (LH).
 - C. Replace the two bolts.



- Functional Verification**
1. Now that installation is complete, connect SST 00002–62195 to four flat trailer connectors.
 2. Start Engine.
 3. Turn on vehicle headlights. Check to see if vehicle tail and headlights are lit. Also, confirm that the SST tail indicator lamp is lit.
 4. Turn on vehicle left turn signal. Confirm step three conditions again and check to see if the left turn signal lamp on vehicle is flashing. Also, confirm that the SST left indicator lamp is flashing.
 5. Apply Brake. Check to see if vehicle right stop light is lit and SST right indicator lamp is lit. Also, confirm conditions of steps 3 and 4 again.
 6. Release Brake. Turn on vehicle right turn signal. Check to see if vehicle right turn signal is flashing and SST right indicator lamp is flashing. Also, Vehicle and SST tail indicator lamps should still be lit.
 7. Apply Brake. Check to see if vehicle right stop light is lit and SST right indicator lamp is lit. Also, confirm conditions of steps 3 and 4 again.
 8. Turn off vehicle turn signal and headlights. Apply brakes. Check to see if vehicle stop lights are lit and SST right and left indicator lights are also lit.
 9. Release brakes. Turn on vehicle hazard switch. Check to see if vehicle hazard lights are flashing. Left and right SST indicator lamps should also be flashing.
 10. Turn off vehicle hazard switch. Confirm that all lamps are off on both vehicle and SST.