



Technical Service BULLETIN

October 18, 2002

Title:

TRAILER WIRE HARNESS

Models:

4Runner, Highlander, Land Cruiser, RAV4, Sienna, Tacoma & Tundra

AX006-02 ACCESSORIES

Introduction Beginning in 2000, the accessory trailer wire harness supplier was changed and a new design was adopted which incorporated in-line fuses in the tow wire harness in addition to the vehicle fuse. This bulletin identifies the fuse location to supplement dealer diagnostics troubleshooting. In the future please reference the accessory trailer wire harness Owner's Guide for the vehicle specific diagnostic procedures. As a general note please place the towing wire harness Owner's Guide in glove box after every DIO installation.

Applicable Vehicles

- **4Runner, Highlander, Land Cruiser, RAV4, Sienna, Tacoma, and Tundra** vehicles using the **Accessory Towing Receiver Hitch and factory Towing Receiver Hitch** option. (See table below for applicable model years.)

Accessory Wire Harness Kit Information

| VEHICLE | MODEL YEAR | ACCESSORY KIT PART NUMBER | LOCATION | FUSE CAPACITY |
|--------------|------------|---------------------------|--|--|
| 4Runner | 2001–2002 | 08921–35860 | Engine Room Junction Block | 25A (Towing) |
| Highlander | 2002–2003 | 08921–48040 | Engine Room Junction Block | 20A (Towing) |
| Land Cruiser | 2000* | 08921–60820 | LH Cowl Junction Block (LH Kick Panel) | 15A (Tail) 15A (Stop) |
| | 2001–2002 | 08921–60840 | LH Rear Quarter Panel | 30A |
| RAV4 | 2001 | 08921–42860 | RH Rear Quarter Panel | <u>In-Line</u> 5A (Tail) 5A (Stop) |
| Sienna | 2000–2003 | 08921–08860 | Rear Hatch Scuff Plate | <u>In-Line</u> 5A (Tail) 5A (Stop) 5A (LH Turn) 5A (RH Turn) |
| Tacoma | 1996–2001 | 08921–04810-AA | Regular & Double Cab: LH Rear Cab Back Panel | |
| | 2002 | 08921–04860 | Xtracab: Jack Storage Compartment | |
| Tundra | 2000–2002 | 81985–35060 | Engine Room (Battery & Terminal) | 30A |

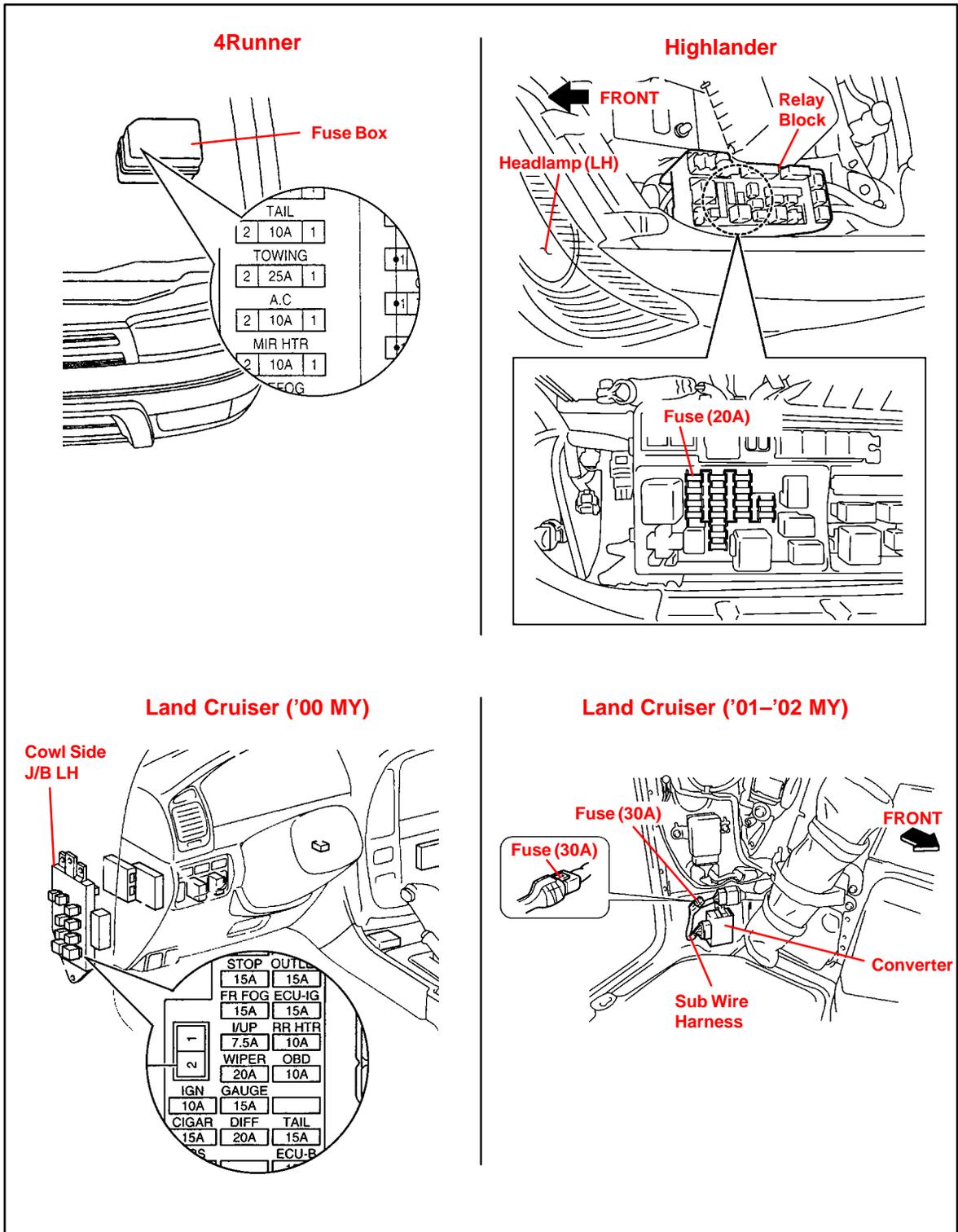
* Applies to 2000 model year vehicles produced on or after VIN JT3HT05JXY0094690.

Warranty Information

| OP CODE | DESCRIPTION | TIME | OFF | T1 | T2 |
|---------|----------------------------|------|-----|----|----|
| N/A | Not Applicable to Warranty | – | – | – | – |

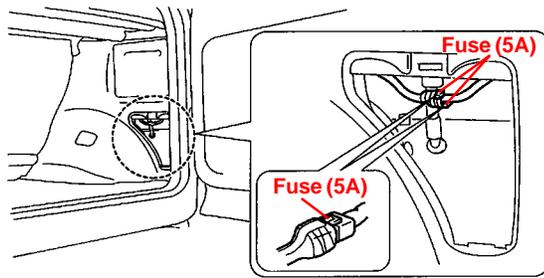


Wire Harness
Fuse
Location

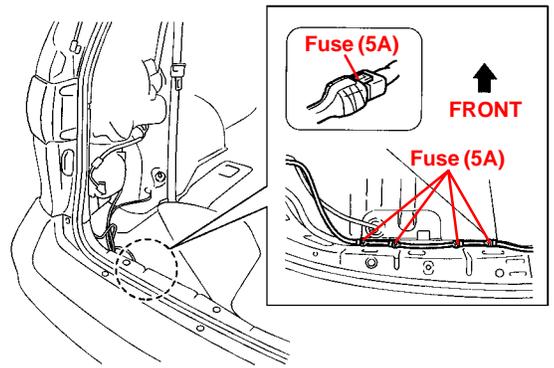


**Wire Harness
Fuse
Location
(Continued)**

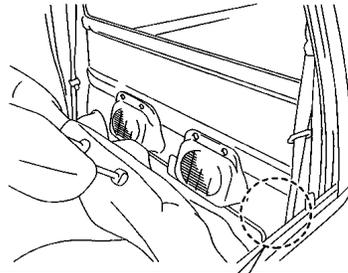
RAV4



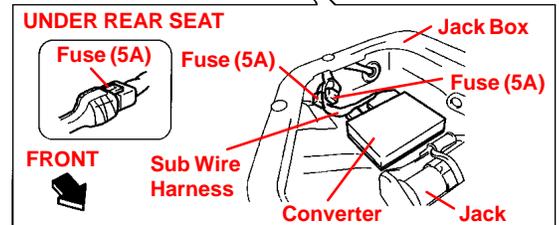
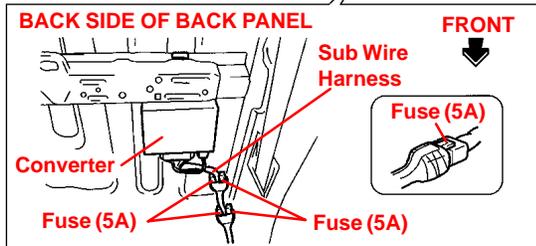
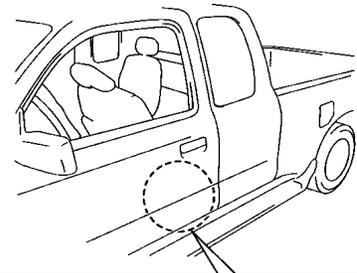
Sienna



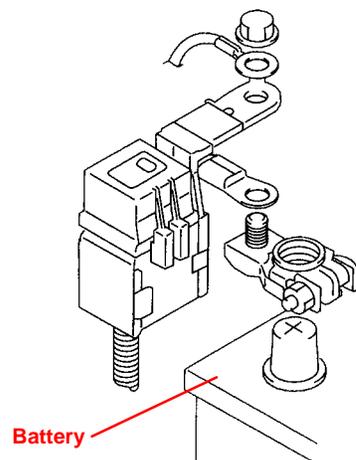
Tacoma (Regular & Double Cab)



Tacoma (Xtracab)



Tundra



Trouble-shooting Procedure

Perform the following procedure if there is any lamp malfunction.

CAUTION:
Ensure that lamp switch is OFF before taking measures or checking.

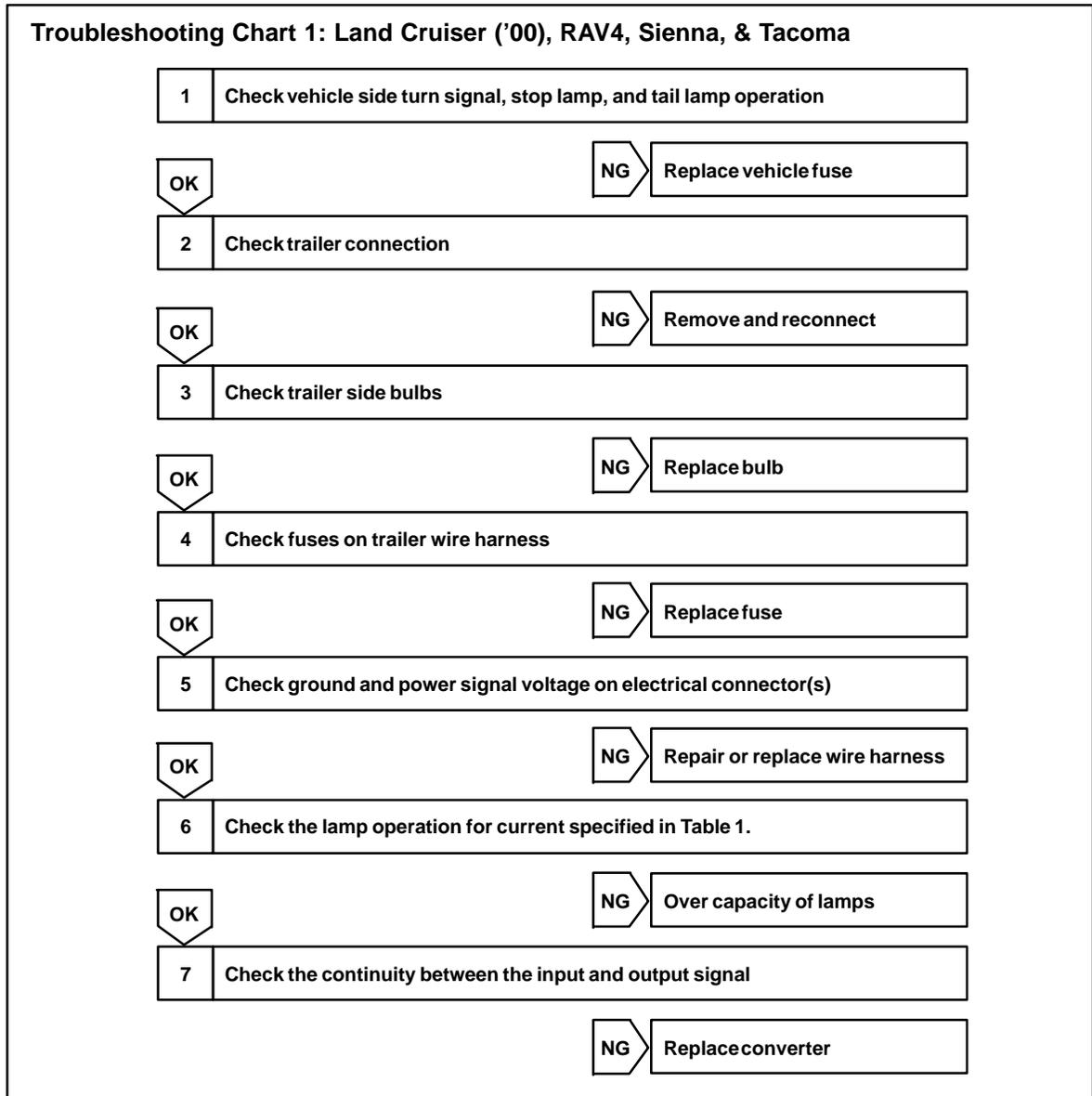


Table 1: Rated Current for Land Cruiser ('00), RAV4, Sienna, & Tacoma

| MODEL | RATED CURRENT | |
|----------------------------|-------------------|----------|
| RAV4, Sienna, Tacoma | TAIL | MAX 3.5A |
| | STOP/TURN (RIGHT) | MAX 2.1A |
| | STOP/TURN (LEFT) | MAX 2.1A |
| Land Cruiser ('00) | TAIL | MAX 5.5A |
| | STOP/TURN (RIGHT) | MAX 4.2A |
| | STOP/TURN (LEFT) | MAX 4.2A |

Trouble-shooting Procedure
(Continued)

Perform the following procedure if there is any lamp malfunction.

CAUTION:
Ensure that lamp switch is OFF before taking measures or checking.

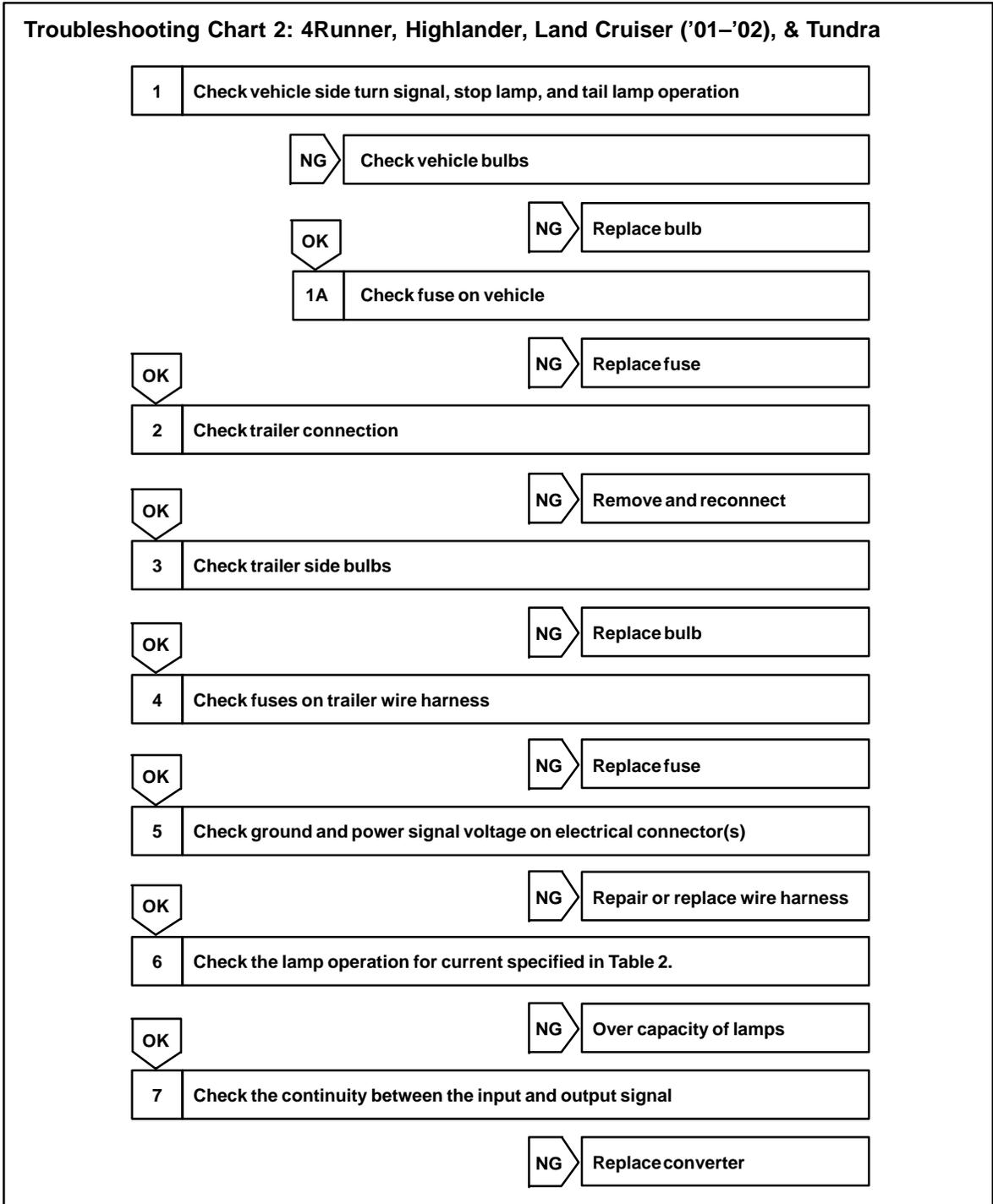


Table 2: Rated Current for 4Runner, Highlander, Land Cruiser ('01-'02), & Tundra

| MODEL | RATED CURRENT | |
|-------------------|---|----------|
| | 4Runner, Highlander, Land Cruiser ('01-'02), Tundra | TAIL |
| STOP/TURN (RIGHT) | | MAX 4.5A |
| STOP/TURN (LEFT) | | MAX 4.5A |