

Isuzu N-Series Truck Lights

Service Bulletin



Hardware:

- A. Qty 1—CURT56130 Tail Light Converter
- B. Qty 9—Heat Shrink & Crimp Butt Connector, Red, 22-18 G
- C. Electrical Tape
- D. Zip ties

A



B



C



D



Tools Required:

- E. Wire Stripper
- F. Crimper—22 G– 10 G
- G. Torch Lighter
- H. Utility Knife or Razor Blade

E



F



G



H



An issue can occur in trucks with a brake controller / 7 way plug installed, where the brake lights and blinkers will malfunction due to a tail light converter failure.

Symptoms: After the Right or Left Blinker is engaged, the rear brake lights, blinker light and brake controller light will blink.

Test Tail Light Converter Box

In order to determine if this issue is caused by a tail light converter failure, locate the tail light converter box that is wired and located under your vehicle on the inside chassis rail.

Note: It may be difficult to reach this tail light converter due to its location on the inside of your SLT Catalytic Converter Cage. If necessary, remove the catalytic converter cage using the Cat Cage Installation instructions.



WARNING: BEFORE BEGINNING WORK ON YOUR VEHICLE'S ELECTRICAL SYSTEM, MAKE SURE THE VEHICLE IS TURNED OFF AND THE KEY IS REMOVED FROM THE IGNITION.

1. Cut away the loom and tape that is protecting the 9 wires until you have approximately 6" of wire exposed, ensuring you do not cut the wires.
2. On the side labeled VEHICLE SIDE, cut the **RED WIRE**.
3. If the **right blinker** is causing the issue, on the side labeled VEHICLE SIDE, cut the **GREEN WIRE** coming from the tail light converter box. **Note: Ensure you leave 4" of wire to work with in case you need to reconnect.** If the **left blinker** is causing the issue, on the side labeled VEHICLE SIDE, cut the **YELLOW WIRE** coming from the tail light converter box. **Note: Ensure you leave 4" of wire to work with in case you need to reconnect.**
4. Start the ignition and test the malfunctioning blinker. If the blinker blinks by itself without the brake light and brake controller indicator blinking, the tail light converter is the issue and you should use this guide to replace it.

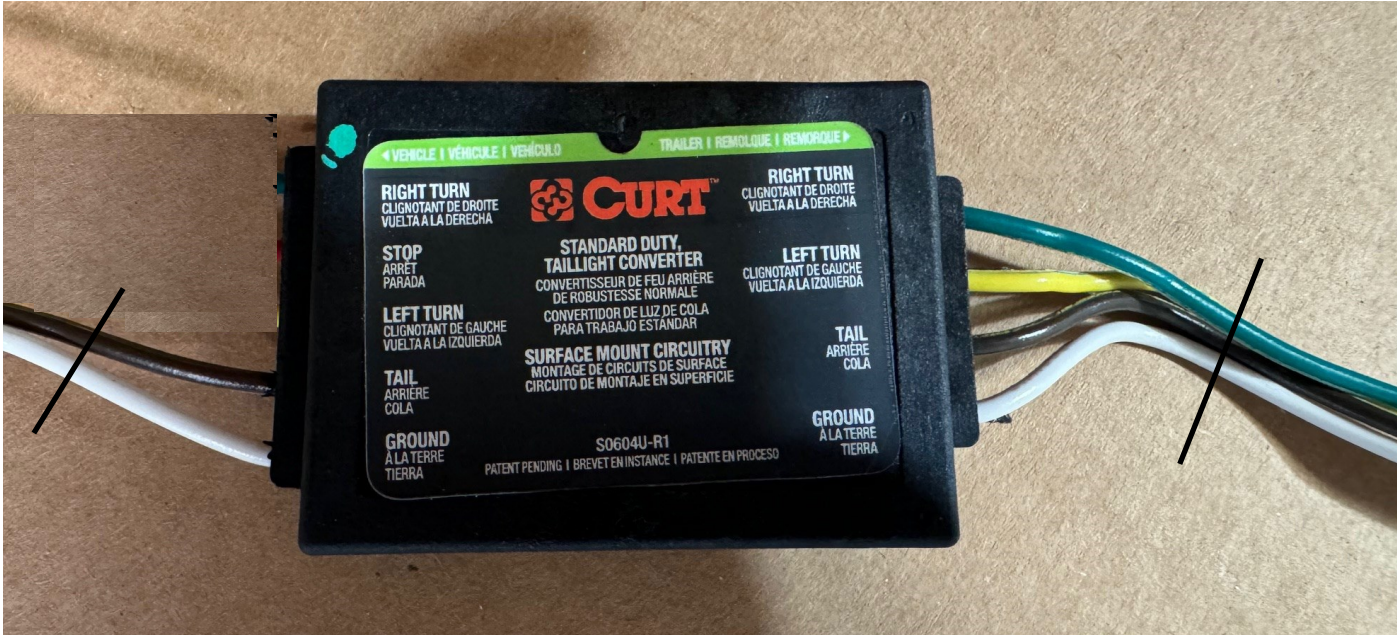


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Replace the Tail Light Converter Box

WARNING: BEFORE BEGINNING WORK ON YOUR VEHICLE'S ELECTRICAL SYSTEM, MAKE SURE THE VEHICLE IS TURNED OFF AND THE KEY IS REMOVED FROM THE IGNITION.

5. Cut the remaining wires on both sides of the tail light converter box, ensuring that you leave approximately 3" of wire to reconnect the new tail light converter box.



★ **NOTE: DO NOT CUT THE 10G RED WIRE AND 14G BLUE WIRE THAT ARE IN THIS SAME GROUP OF WIRES, THESE ARE FOR THE BRAKE CONTROLLER AND POWER.**



- Cut the remaining wires on both sides of the NEW tail light converter box, ensuring that you leave approximately 3" of wire to reconnect to the wires on the chassis.



- Using the 22-18 G Butt Connectors and torch lighter, connect each chassis wire to the matching wire color of the new tail light converter box, ensuring that the vehicle side and trailer side do not become switched.

Note: The red wire should be on the vehicle side.

- Start the ignition and test the malfunctioning blinker.
- If both blinkers, brake lights and brake controller indicator work correctly, cover exposed wires with electrical tape and secure box into place with zip ties.
- If blinkers, brake lights and brake controller indicator do not work, further diagnostics are needed.

Reinstallation Complete