



**NUMBER:** 08-006-07

**GROUP:** Electrical

**DATE:** February 17, 2007

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**SUBJECT:**

Four Door Wrangler - Cargo Lamp May Fail To Stay Illuminated

**OVERVIEW:**

This bulletin involves correcting the orientation of a wire terminal in a harness connector to the cargo lamp.

**MODELS:**

2007 (JK) Wrangler

**NOTE: This bulletin pertains to four door Wrangler vehicles built on or before February 26, 2007 (MDH 0226XX).**

**SYMPTOM/CONDITION:**

The customer may notice that the cargo lamp when turned "ON" may not remain illuminated. When in the "ON" mode, the cargo lamp may turn on and off.

**DIAGNOSIS:**

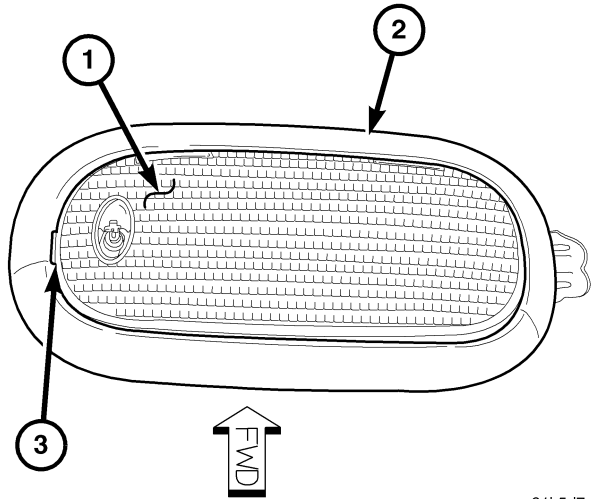
If the customer experiences the above condition perform the Repair Procedure

**REPAIR PROCEDURE:**

1. Disconnect and isolate the negative battery cable from the battery.
2. Locate the cargo lamp in the sport bar and the location of the on/off switch in the lamp. Locate the notch in the lamp housing next to the lens (Fig. 1).
3. Insert the tip of a small flat bladed screwdriver into the notch between the lens and the housing bezel on the left (driver) side of the cargo lamp (by the lamp switch).
4. Gently pry the end of the lens downward until it unsnaps from the housing.
5. Swing the lens downward until it is perpendicular to the housing.
6. Pull the housing downward far enough to disengage it from the sport bar mounting opening.
7. Pull the lamp housing away from the mounting opening in the sport bar trim far enough to access and disconnect the wire harness connector from the connector receptacle on the back of the lamp housing.
8. Remove the lamp housing from the vehicle.
9. Inspect the wire harness electrical connector to the cargo lamp. Note the side of the connector with the locking tab.
10. Disconnect the electrical connector from the cargo lamp.
11. With a small pick, remove the locking block from the cargo lamp wire harness connector.



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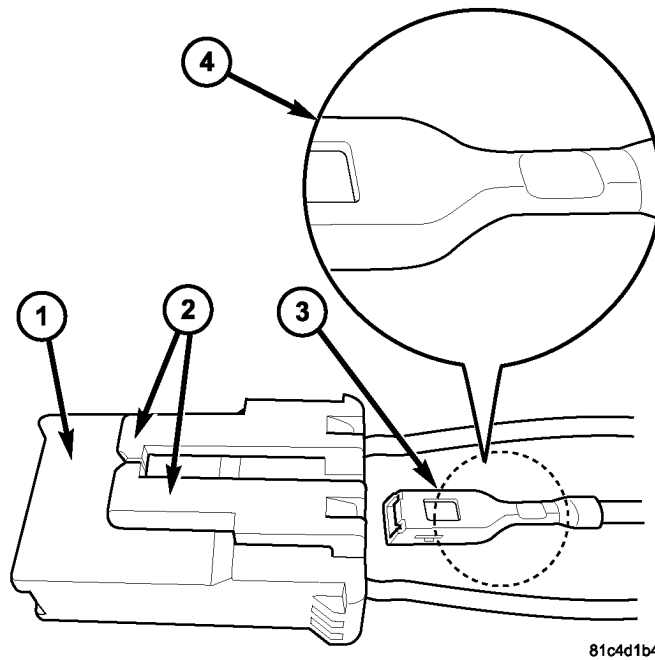
**Fig. 1 CARGO LAMP**

- 1 - Cargo Lamp Lens
- 2 - Cargo Lamp Housing
- 3 - Notch Between Lens and Housing

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12. **Working with one terminal (wire) at a time**, release and remove a wire terminal end from the connector. Note the orientation of the wire terminal end to the connector.
  13. **On only one side of the terminal there is a stamped cut out at the neck/transition area of the terminal above the area where the wire is crimped in the terminal. The one side of the terminal that has the stamped cut out at the neck/transition area of the terminal must face away from the locking tab side of the connector (Fig. 2).**
  14. **Inspect the wire terminal closely.** On only one side of the terminal, where the body of the terminal transitions / “necks down” before the wire crimp, there is a stamped square cut out in the terminal. On the opposite side of the terminal, where the terminal body transitions / “necks down” before the wire crimp, there is NO stamped square cut out in the terminal.

**NOTE: The side of the terminal, WITHOUT the stamped cut out in the area of the terminal where it transitions / “necks down”, is to face TOWARDS the locking tab side of the connector.**

15. Install the wire terminal into the connector opening. Stamped cut out in terminal transition **MUST FACE AWAY** from the locking tab side of the connector.
16. Repeat steps 12, 13, 14 and 15 for the remaining two terminals (wires).

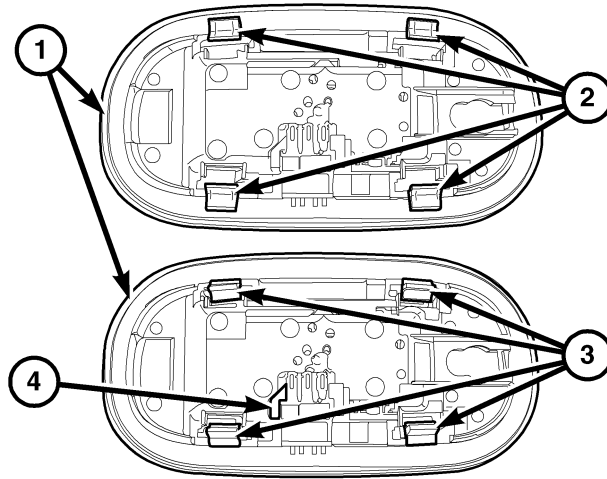


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**Fig. 2 CORRECT TERMINAL ORIENTATION**

- 1 - Wire Harness Connector To Cargo Lamp
- 2 - Connector Locking Tabs
- 3 - Correct Wire Terminal Orientation Towards Locking Tab Side Of Connector
- 4 - This Side Of The Terminal Should NOT Have A Stamped Cut Out In This Transition / "Neck Down" Area Of The Terminal.

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- 17. Install the locking block to the connector.
  - 18. Connect the wire harness connector to the connector receptacle on the back of the lamp housing.
  - 19. There are four (4) retention tabs, with living hinges, on the back of the lamp housing. The tabs are used to secure the lamp housing to the sport bar mounting opening (Fig. 3).
  - 20. Verify that all four (4) tabs are folded inward toward the center of the lamp housing. This is their installation position.
  - 21. Verify that the lens hangs down perpendicularly from the housing.
  - 22. Install the lamp housing to the sport bar mounting opening. Hold the lamp housing flush to the sport bar opening.
  - 23. With the lamp housing flush to the sport bar mounting opening, swing the lamp lens into position against the housing.
  - 24. Press on the lens firmly and evenly until it snaps into to place on the lamp housing.
  - 25. Connect the negative battery cable to the battery.



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**Fig. 3 LAMP RETENTION TABS**

- 1 - Cargo Lamp Housing
- 2 - Four (4) Retention Tabs With Living Hinges - Tabs Shown Spread Outward In Latched Position
- 3 - Fold All Tabs Inward - Do Not Install Lens Until Housing Is Installed To Sport Bar Opening.
- 4 - Wire Connector Receptacle On Back Of Cargo Lamp Housing

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Amount
08-50-29-90	Lamp, Cargo/Liftgate - Repair Wiring for Cargo Lamp	0.4 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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