



Applies To: 1999-01 Odyssey EX - ALL

November 27, 2001

## Power Sliding Door Does Not Close Completely (Supersedes S/B 01-020, dated February 27, 2001)

### SYMPTOM

When you close the power sliding door, the rear portion of the door goes in and then pops out to the half-latched position. When you put the vehicle into gear, the sliding door alarm sounds.

### PROBABLE CAUSE

Misaligned junction switch, faulty remote control switch, or faulty closer motor-latch assembly.

### CORRECTIVE ACTION

Align the sliding door and junction switch, replace the faulty remote control switch, or replace the faulty closer motor-latch assembly.

### PARTS INFORMATION

#### Closer Motor-Latch

Left: P/N 72650-S0X-A53, H/C 6472732

Right: P/N 72610-S0X-A53, H/C 6472724

#### Junction Switch

'99-00, Left Body: P/N 35435-S0X-A03, H/C 6787626

'99-00, Left Door: P/N 35436-S0X-A03, H/C 6787659

'99-00, Right Body: P/N 35430-S0X-A03, H/C 6787568

'99-00, Right Door: P/N 35431-S0X-A03, H/C 6787592

'01, Left Body: P/N 35435-S0X-A32, H/C 6787642

'01, Left Door: P/N 35436-S0X-A32, H/C 6787675

'01, Right Body: P/N 85430-S0X-A32, H/C 6787584

'01, Right Door: P/N 35431-S0X-A32, H/C 6787618

#### Remote Control Switch

'99-00, Left: P/N 72662-S0X-A51, H/C 5933833

'99-00, Right: P/N 72622-S0X-A51, H/C 5933676

'01, Left: P/N 72662-S0X-A61, H/C 6554364

'01, Right: P/N 72622-S0X-A61, H/C 6554299

### WARRANTY CLAIM INFORMATION

**In warranty:** The normal warranty applies.

Operation Number: From the Flat Rate Manual

Flat Rate Time: From the Flat Rate Manual

Failed Part: Use the part number from the repair order.

Defect Code: From the Flat Rate Manual

Contention Code: From the Flat Rate Manual

Skill Level: Repair Technician

**Out of warranty:** Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

### REPAIR PROCEDURE

1. Make sure all recalls for the vehicle have been completed (see S/B 99-054, *Safety Recall: Odyssey Sliding Doors*, and S/B 00-047, *Safety Recall: Rear Door Latch Assembly*, filed under Body).
2. Align the affected sliding door, then align the junction switch (see S/B 99-072, *Sliding Door Alarm Beeps*, filed under Body Electrical).
3. Test-drive the vehicle on a rough road, then test the affected sliding door by opening and closing it several times.

*Does the door close completely?*

**Yes** - Return the vehicle to your customer. ■

**No** - Go to step 4.

4. With the door fully closed, press the OPEN side of the dashboard door switch for the affected door.

*Does the door open normally?*

**Yes** - Go to step 5.

**No - Left door:** Inspect the No. 1 (20A) fuse in the passenger's under-dash fuse/relay box. If the fuse is OK, repair the open in the GRN wire between the driver's under-dash fuse/relay box and the power sliding door control unit. ■

**Right door:** Inspect the No. 5 (20A) fuse in the passenger's under-dash fuse/relay box. If the fuse is OK, repair the open in the RED/YEL wire between the passenger's under-dash fuse/relay box and the power sliding door control unit. ■

5. Close the sliding door with the dashboard door switch. As it reaches the half-latched position, listen to the sliding door alarm.

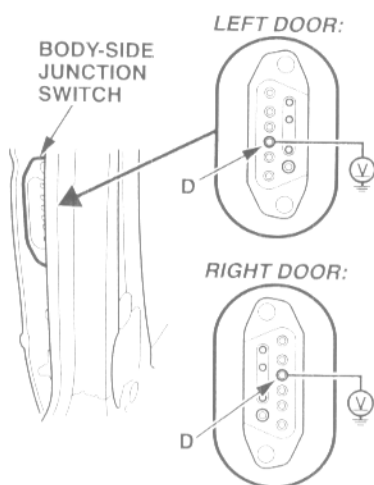
*Does the alarm beep five times as the door reaches the B-pillar?*

**Yes** - Go to step 6.

**No** - Go to step 11.

**CUSTOMER INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

6. With the affected sliding door open, measure the voltage to body ground at terminal D of the body-side junction switch.

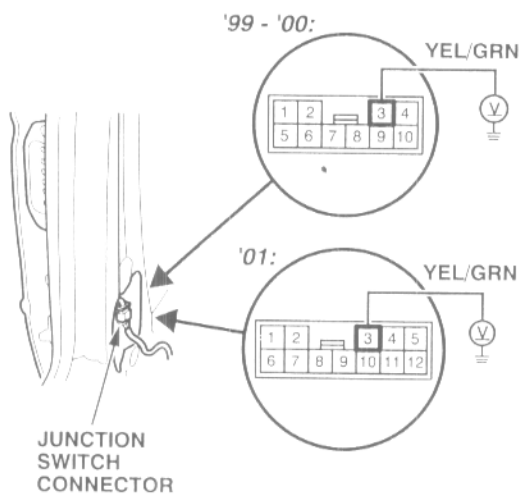


*Is there 10 V or more?*

**Yes** - Go to step 7.

**No** - Repair the open in the YEL/GRN wire between the power sliding door control unit and the junction switch. ■

7. Remove the B-pillar trim and the front seat belt retractor (see section 23 of the 1999–02 Odyssey Service Manual for SRS precautions).
8. With one of the voltmeter test leads, backprobe terminal No. 3 of the junction switch connector, and ground the other lead. Then close the sliding door, and watch the voltage reading as the door closes.

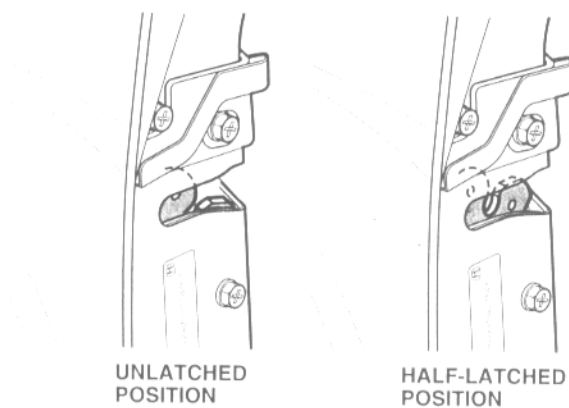


*Does the voltage drop to less than 1 V when the door reaches the half-latched position?*

**Yes** - Check terminal No. 8 of the power sliding door control unit connector A (26P) for a poor fit. Replace or repair the terminal as needed. ■

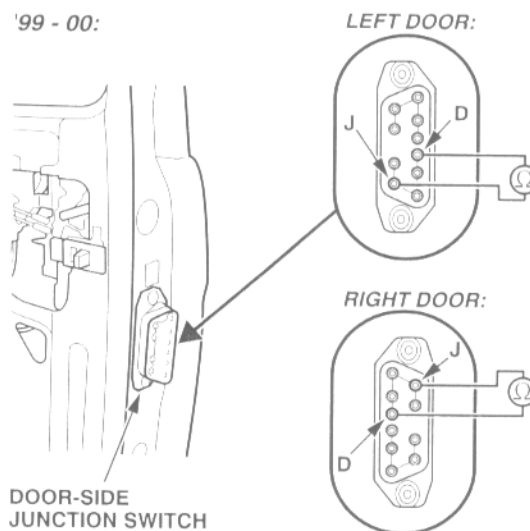
**No** - Go to step 9.

9. With the sliding door open, use a small screwdriver to push the latch into the half-latched position.

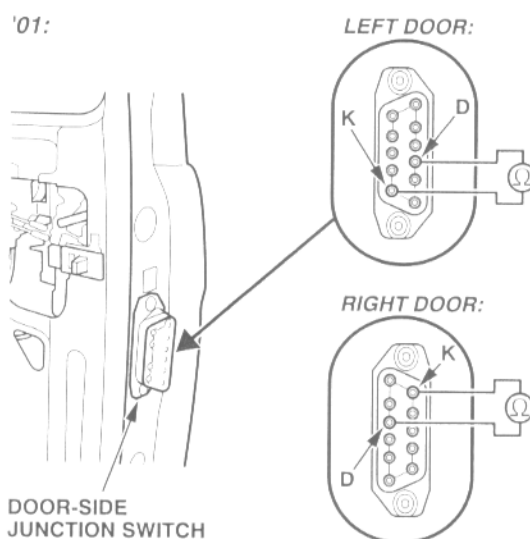


10. '99–00 models: Check for continuity between terminals D and J of the door-side junction switch.  
'01 models: Check for continuity between terminals D and K of the door-side junction switch.

**'99 - '00:**



**'01:**

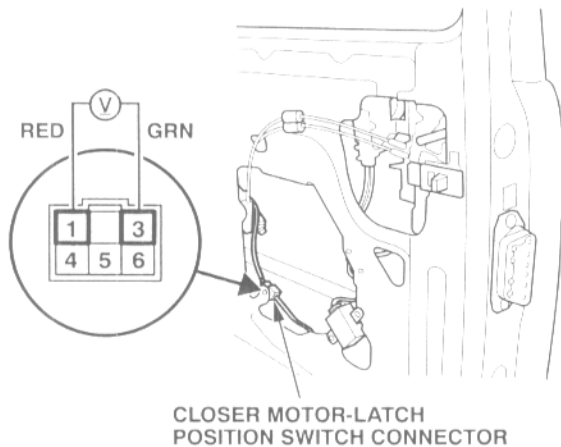


*Is there continuity?*

**Yes** - Replace both the door and body junction switch (see S/B 99-072, *Sliding Door Alarm Beeps*, filed under Body Electrical, for replacement and alignment procedures). ■

**No** - Repair the open in the YEL/GRN or the BLK wire. If the circuit is OK, replace the closer motor-latch assembly (see page 20-16 of the 1999-02 Odyssey Service Manual). ■

11. Remove the door panel from the affected sliding door (see page 20-13 of the 1999-02 Odyssey Service Manual).
12. Backprobe terminal No. 1 and terminal No. 3 of the closer motor-latch assembly connector. Use long voltmeter test leads so you can check voltage while the sliding door is closing.



13. Open the sliding door, then close it with the dashboard door switch. Watch the voltage reading as the door closes.

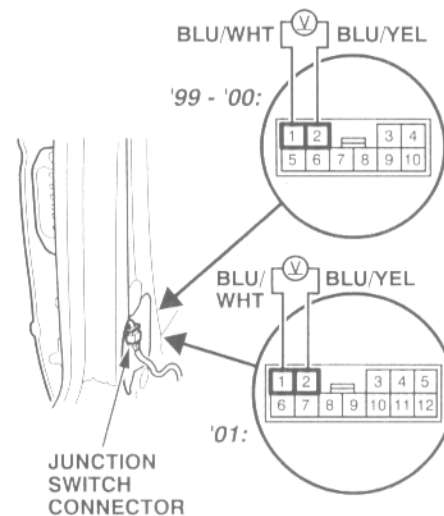
*Is there at least 6 V available to the closer motor when the door reaches the half-latched position?*

**Yes** - Go to step 23.

**No** - Go to step 14.

14. Open the affected sliding door, and remove the B-pillar trim and the front seat belt retractor (see section 23 of the 1999-02 Odyssey Service Manual for SRS precautions).

15. Backprobe terminal No. 1 and terminal No. 2 of the junction switch connector.



16. Close the sliding door with the dashboard door switch, and watch the voltage reading as the door closes.

*Is battery voltage available when the door reaches the half-latched position?*

**Yes** - Check terminals No. 1 and No. 2 of the junction switch connector for a poor fit. If the fit is OK, replace both sides of the junction switch, and adjust them (see S/B 99-072, *Sliding Door Alarm Beeps*, filed under Body Electrical, for replacement and alignment procedures). ■

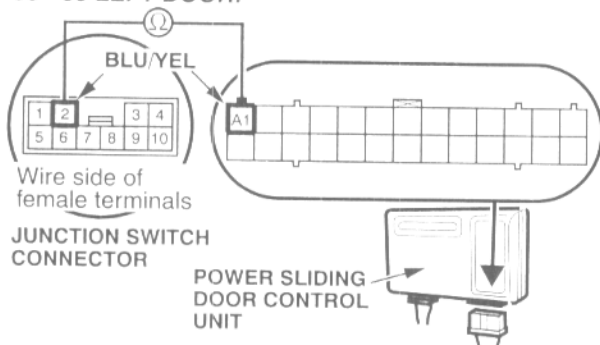
**No** - Go to step 17.

17. Remove the power sliding door control unit (see page 22-298 of the 1999-02 Odyssey Service Manual).
18. Unplug power sliding door control unit connector A (26P) from the power sliding door control unit. Unplug the junction switch connector at the affected sliding door.

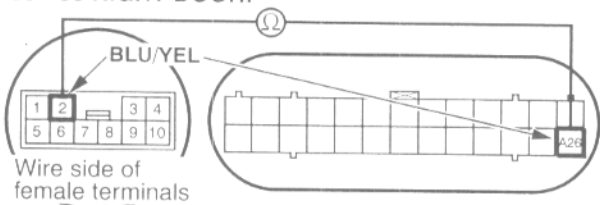
19. **Left door:** Check for continuity between terminal No. 1 of the power sliding door control unit connector A (26P) and terminal No. 2 of the junction switch connector.

**Right door:** Check for continuity between terminal No. 26 of the power sliding door control unit connector A (26P) and terminal No. 2 of the junction switch connector.

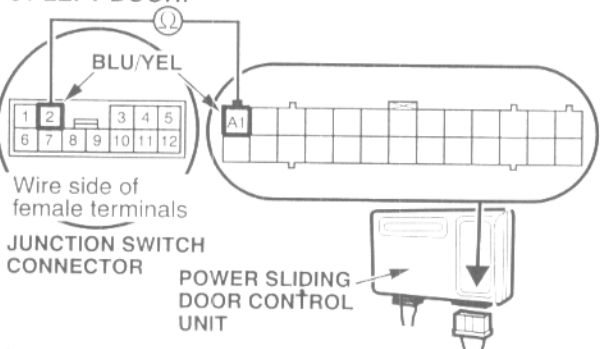
**'99 - 00 LEFT DOOR:**



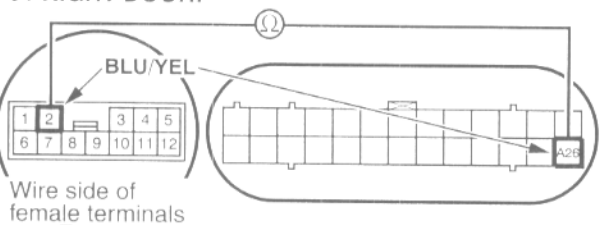
**'99 - 00 RIGHT DOOR:**



**'01 LEFT DOOR:**



**'01 RIGHT DOOR:**



*Is there continuity?*

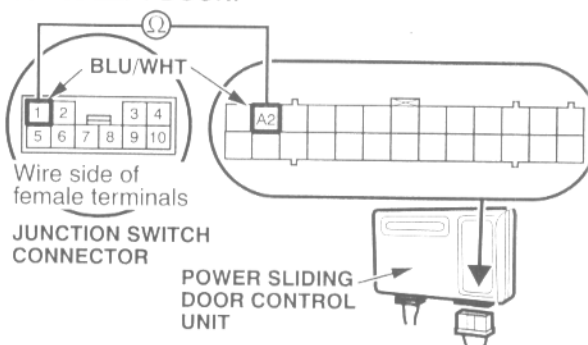
**Yes** - Go to step 20.

**No** - Repair the open in the BLU/YEL wire between the power sliding door control unit and the junction switch connector. Plug in the junction switch connector and the power sliding door control unit connector A (26P). Reinstall the power sliding door control unit. ■

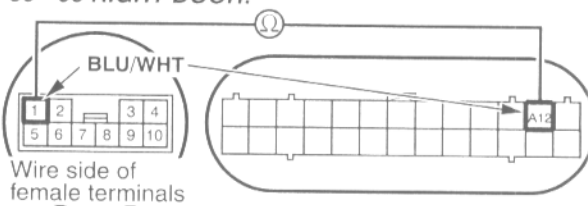
20. **Left door:** Check for continuity between terminal No. 2 of the power sliding door control unit connector A (26P) and terminal No. 1 of the junction switch connector.

**Right door:** Check for continuity between terminal No. 12 of the power sliding door control unit and terminal No. 1 of the junction switch connector.

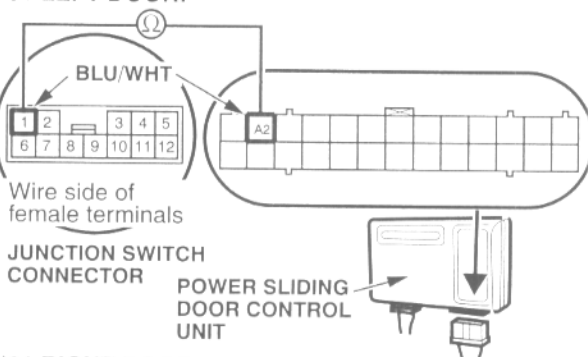
**'99 - 00 LEFT DOOR:**



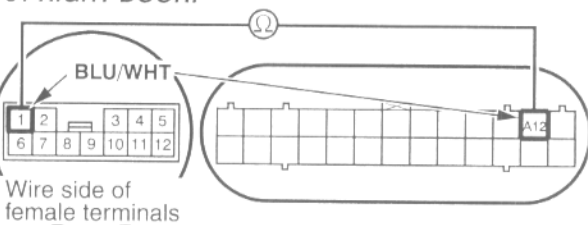
**'99 - 00 RIGHT DOOR:**



**'01 LEFT DOOR:**



**'01 RIGHT DOOR:**

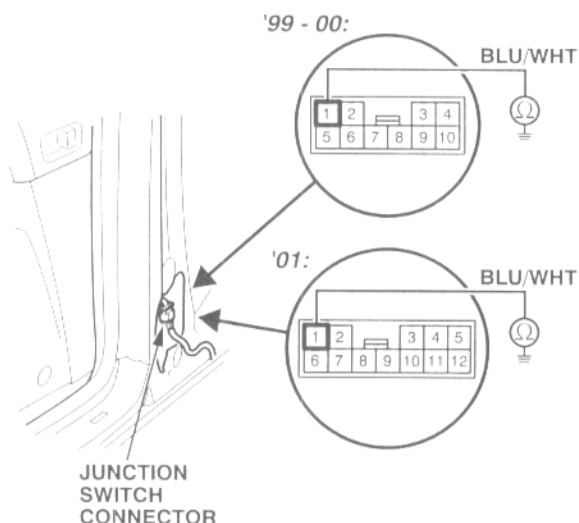


*Is there continuity?*

**Yes** - Go to step 21.

**No** - Repair the open in the BLU/WHT wire between the power sliding door control unit and the junction switch connector. Plug in the junction switch connector and the power sliding door control unit connector A (26P). Reinstall the power sliding door control unit. ■

21. With the sliding door open, and control unit connector A (26P) still unplugged, plug in the junction switch connector, then check for continuity between terminal No. 1 of the junction switch connector and body ground.

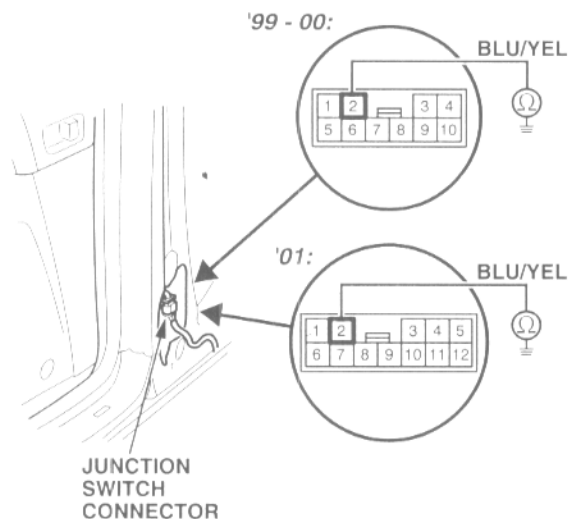


*Is there continuity?*

**Yes** - Repair the short to ground in the BLU/WHT wire. Plug in the power sliding door control unit connector A (26P). Reinstall the power sliding door control unit. ■

**No** - Go to step 22.

22. Check for continuity between terminal No. 2 of the junction switch connector and body ground.

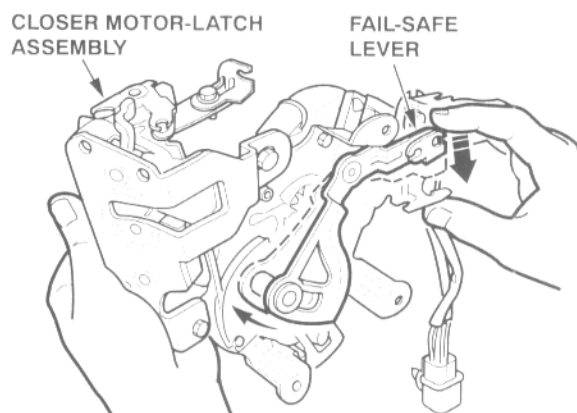


*Is there continuity?*

**Yes** - Repair the short to ground in the BLU/YEL wire. Plug in the power sliding door control unit connector A (26P). Reinstall the power sliding door control unit. ■

**No** - Check the connections at the appropriate power sliding door control unit. If OK, replace the power sliding door control unit. ■

23. Remove the closer motor-latch assembly (see page 20-16 of the 1999-02 Odyssey Service Manual). Hold the assembly vertically. Push up the fail-safe lever, then release it. The lever should fall without binding.

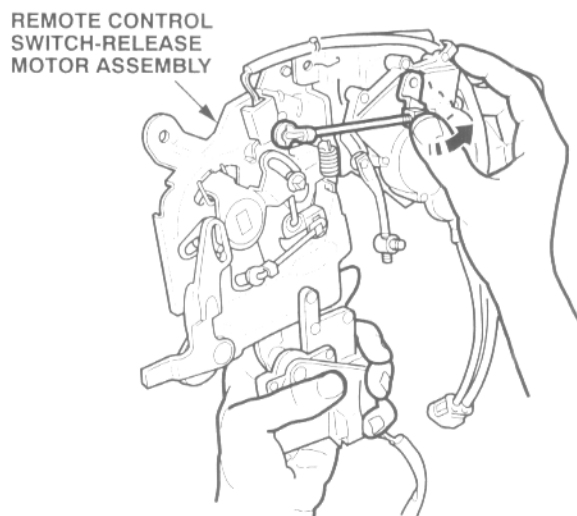


*Does the fail-safe lever fall without binding?*

**Yes** - Go to step 24.

**No** - Replace the closer motor-latch assembly (see page 20-16 of the 1999-02 Odyssey Service Manual). ■

24. Remove the remote control switch-release motor assembly. Make sure all of the levers and motors move without binding.



*Do any of the levers bind?*

**Yes** - Replace the remote control switch-release motor assembly (see page 20-16 of the 1999-02 Odyssey Service Manual). ■

**No** - Replace the closer motor-latch assembly (see page 20-16 of the 1999-02 Odyssey Service Manual). Make sure you install the new cables that come with the new closer motor-latch assembly. ■

25. Test-drive the vehicle on a rough road, then test the affected sliding door by opening and closing it several times to make sure the door is fixed.