

Diagnostic Information and Procedures

Power Windows System Check

| Step | Action | Normal Result(s) | Abnormal Result(s)* |
|------|--|---|--|
| 1 | Using the left window switch, operate each window UP and DOWN. | <ul style="list-style-type: none"> Each window operates quietly and smoothly, with no sticking. The left front window rolls down all the way without the switch being held. This is the express down feature. | <ul style="list-style-type: none"> Power Windows Inoperative - All Power Window Inoperative - LF Power Window Inoperative - RF Power Windows Inoperative from LF Switch Power Window Inoperative - RF from LF Switch Power Windows Inoperative - Express |
| 2 | Using the right window switch, operate the right window UP and DOWN. | The right window operates quietly and smoothly, with no sticking. | <ul style="list-style-type: none"> Power Window Inoperative - RF Power Windows Inoperative from RF Switch |

Power Door Locks System Check

| Step | Action | Normal Result(s) | Abnormal Result(s)* |
|------|---|---|--|
| 1 | <ol style="list-style-type: none"> Remove the key from the ignition lock key cylinder. Close both of the vehicle doors. Observe the door locks while you press the driver door lock switch to the lock position. | Both of the doors lock when you press the driver door lock switch. | <ul style="list-style-type: none"> Power Door Locks - Lock Inop, Unlock Operates Power Door Locks Inoperative Power Door Locks Switch Lock Function Inoperative - One |
| 2 | Observe the door locks while you press the driver door lock switch to the unlock position. | Both of the doors unlock when you press the driver door unlock switch. | <ul style="list-style-type: none"> Power Door Locks - Unlock Inop, Lock Operates Power Door Locks Inoperative Power Door Locks Switch Unlock Function Inop - One |
| 3 | Observe the door locks while you press the passenger door lock switch to the lock position. | Both of the doors lock when you press the passenger door lock switch. | <ul style="list-style-type: none"> Power Door Locks - Lock Inop, Unlock Operates Power Door Locks Inoperative Power Door Locks Switch Lock Function Inoperative - One |
| 4 | Observe the door locks while you press the passenger door lock switch to the unlock position. | Both of the doors unlock when you press the passenger door unlock switch. | <ul style="list-style-type: none"> Power Door Locks - Unlock Inop, Lock Operates Power Door Locks Inoperative Power Door Locks Switch Unlock Function Inop - One |

* Refer to the appropriate symptom diagnostic table for the applicable abnormal result.

Power Window Inoperative - RF

| Step | Action | Value(s) | Yes | No |
|------|--|----------|--------------|--------------|
| 1 | <ol style="list-style-type: none"> Place the ignition switch into the RUN position. Using a test lamp, backprobe the left side window switch connector from terminal B to terminal C. While observing the test lamp and using the left side window switch, press the right window switch UP and then DOWN. <p>Does the test lamp light?</p> | — | Go to Step 3 | Go to Step 2 |
| 2 | <ol style="list-style-type: none"> Test for a poor connection at the left side window switch. If OK, replace the left side window switch. Refer to <i>Power Window Switch Replacement (Chevrolet)</i> or <i>Power Window Switch Replacement (Pontiac)</i>. <p>Is the repair complete?</p> | — | System OK | — |
| 3 | <ol style="list-style-type: none"> Using a test lamp, backprobe the right side window switch connector from terminal B to terminal E. While observing the test lamp, and using the left side window switch, press the right window switch UP and then DOWN. <p>Does the test lamp light during both actions?</p> | — | Go to Step 5 | Go to Step 4 |
| 4 | <ol style="list-style-type: none"> Test for an open in CKT 166, between the left side window switch and the right side window switch. If OK, repair the open in CKT 167, between the left side window switch and the right side window switch. <p>Is the repair complete?</p> | — | System OK | — |
| 5 | <ol style="list-style-type: none"> Using a test lamp, backprobe the right side window switch connector from terminal C to terminal D. While observing the test lamp, press the right side window switch UP and then DOWN. <p>Does the test lamp light during both actions?</p> | — | Go to Step 7 | Go to Step 6 |
| 6 | <ol style="list-style-type: none"> Test the right power window switch for a poor connection. If OK, replace the right power window switch. <p>Is the repair complete?</p> | — | System OK | — |
| 7 | <ol style="list-style-type: none"> Using a test lamp, backprobe the right front side door window motor connector from terminal A to terminal B. While observing the test lamp, press the right side window switch UP and then DOWN. <p>Does the test lamp light during both actions?</p> | — | Go to Step 8 | Go to Step 9 |
| 8 | <ol style="list-style-type: none"> Test for a poor connection at the right front side door window motor. If OK, replace the right front side door window motor. Refer to <i>Window Regulator Motor Replacement - Door</i>. <p>Is the repair complete?</p> | — | System OK | — |
| 9 | <ol style="list-style-type: none"> Test CKT 666, between the right side window switch and the right front side door window motor for an open. If OK, repair the open in CKT 666, between the right side window switch and the right front side door window motor. <p>Is the repair complete?</p> | — | System OK | — |

Power Window Inoperative - RF from LF Switch

| Step | Action | Value(s) | Yes | No |
|------|---|----------|--------------|--------------|
| 1 | Inspect the left side window switch connector for a poor connection. Is there a poor connection at the left side window switch? | — | Go to Step 3 | Go to Step 2 |
| 2 | Replace the left side window switch. Refer to <i>Power Window Switch Replacement (Chevrolet)</i> or <i>Power Window Switch Replacement (Pontiac)</i> . Is the repair complete? | — | System OK | — |
| 3 | Repair the poor connection at the left side window switch. Is the repair complete? | — | System OK | — |

Power Windows Inoperative - All

| Step | Action | Value(s) | Yes | No |
|------|--|----------|--------------|--|
| 1 | Did you test for BCM diagnostic trouble codes? | — | Go to Step 2 | Refer to <i>Diagnostic Trouble Code (DTC) Displaying</i> . |
| 2 | 1. Turn the ignition switch to the RUN position. 2. Using a test lamp, backprobe the left window switch connector from terminal F to the ground. Does the test lamp light? | — | Go to Step 4 | Go to Step 3 |
| 3 | 1. Test for a poor connection at C200 terminal E11. 2. If OK, repair the open in CKT 341, between windows circuit breaker 15 and left window switch assembly connector terminal F. Is the repair complete? | — | System OK | — |
| 4 | Using a test lamp, backprobe the left side window switch connector between terminal F and terminal A. Does the test lamp light? | — | Go to Step 5 | Go to Step 6 |
| 5 | 1. Test the left window switch assembly connector for a poor connection. 2. If OK, replace the switch. Refer to <i>Power Window Switch Replacement (Chevrolet)</i> or <i>Power Window Switch Replacement (Pontiac)</i> . Is the repair complete? | — | System OK | — |
| 6 | Repair the open in CKT 750, between left window switch assembly connector terminal A and S220. Is the repair complete? | — | System OK | — |