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Document ID# 1457259

2005 Chevrolet Chevy C Silverado - 2WD

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Power Door Locks Inoperative Front Door

Step	Action	Yes	No
<i>Schematic Reference:</i> Door Lock/Indicator Schematics			
1	Did you perform the Diagnostic System Check - Vehicle?	Go to Step 2	Go to Diagnostic System Check - Vehicle in Vehicle DTC Information
2	Activate the door lock switches to the lock and unlock positions. Do the driver and front passenger doors lock and unlock?	Go to Testing for Intermittent and Poor Connections in Wiring Systems	Go to Step 3
3	Do the door lock switches lock and unlock at least one of the front door lock actuators?	Go to Step 4	Go to Step 9
4	<ol style="list-style-type: none"> 1. Disconnect the inoperative door lock actuator. 2. With a test lamp connected to a good ground, probe the door lock actuator lock circuit at the door lock actuator harness connector. 3. Activate a door lock switch to lock position. Does the test lamp illuminate?	Go to Step 5	Go to Step 7
5	<ol style="list-style-type: none"> 1. With a test lamp connected to a good ground, probe the door lock actuator unlock circuit at the door lock actuator harness connector. 2. Activate a door lock switch to unlock position. Does the test lamp illuminate?	Go to Step 6	Go to Step 8
6	<ol style="list-style-type: none"> 1. Connect a test lamp between the door lock actuator lock and unlock circuits at the door lock actuator harness connector. 2. Activate a door lock switch to both the lock and unlock positions. Does the test lamp illuminate in both positions?	Go to Step 10	Go to Step 9
7	Test for an open or short to ground in the door lock actuator lock circuit. Refer to Circuit Testing and Wiring Repairs in Wiring Systems. Did you find and correct the condition?	Go to Step 13	Go to Step 9

8	<p>Test for an open or short to ground in the door lock actuator unlock circuit. Refer to Circuit Testing and Wiring Repairs in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to Step 13	Go to Step 9
9	<p>Inspect for poor connections at the harness connector of the appropriate door module. Refer to Testing for Intermittent and Poor Connections and Connector Repairs in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to Step 13	Go to Step 11
10	<p>Inspect for poor connections at the harness connector of the door lock actuator. Refer to Testing for Intermittent and Poor Connections and Connector Repairs in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to Step 13	Go to Step 12
11	<p>Replace the appropriate door module. Refer to Control Module References in Computer/Integrating Systems for replacement, setup, and programming.</p> <p>Did you complete the repair?</p>	Go to Step 13	--
12	<p>Replace the appropriate door lock actuator. Refer to Lock Actuator Replacement - Front Door .</p> <p>Did you complete the repair?</p>	Go to Step 13	--
13	<p>Operate the system in order to verify the repair.</p> <p>Did you correct the condition?</p>	System OK	Go to Step 2

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