

# Symptom-to-Component Chart

## Electrical System



Number of LED display blinks	S4 indicator light	Symptom	Probable Cause	Ref. page
0	OFF	<ul style="list-style-type: none"> <li>S4 indicator light does not come on with the ignition switch ON (S4 indicator light should come on for about 2 sec.).</li> <li>Fails to shift (stuck in 4th gear).</li> </ul>	<ul style="list-style-type: none"> <li>Loosely or poorly connected power line to control unit or disconnected control unit ground wire</li> <li>Open or short in S4 indicator light wire</li> <li>Blown S4 indicator light bulb</li> </ul>	9-8
		<ul style="list-style-type: none"> <li>S4 won't engage.</li> </ul>	<ul style="list-style-type: none"> <li>Open or short in S4 switch wire</li> <li>Faulty S4 switch</li> </ul>	9-9
		<ul style="list-style-type: none"> <li>Fails to shift from 2nd to 1st gear when releasing brake pedal with shift lever in <b>[S]</b> or <b>[D]</b> range.</li> </ul>	<ul style="list-style-type: none"> <li>Open or short in brake light switch wire</li> </ul>	9-10
1	Blinks	<ul style="list-style-type: none"> <li>Lock-up clutch does not engage.</li> <li>Lock-up clutch does not disengage.</li> <li>Frequent engine stalling.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected lock-up control solenoid valve A connector</li> <li>Open or short in lock-up control solenoid valve A wire</li> <li>Faulty lock-up control solenoid valve A</li> </ul>	9-11
2	Blinks	<ul style="list-style-type: none"> <li>Lock-up clutch does not engage.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected lock-up control solenoid valve B connector</li> <li>Open or short in lock-up control solenoid valve B wire</li> <li>Faulty lock-up control solenoid valve B</li> </ul>	9-12
3	Blinks or OFF	<ul style="list-style-type: none"> <li>Lock-up clutch does not engage.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected throttle angle sensor connector</li> <li>Open or short in throttle angle sensor wire</li> <li>Faulty throttle angle sensor</li> </ul>	9-13
4	Blinks	<ul style="list-style-type: none"> <li>Lock-up clutch does not engage.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected speed pulser connector</li> <li>Open or short in speed pulser wire</li> <li>Faulty speed pulser</li> </ul>	9-14
5	Blinks	<ul style="list-style-type: none"> <li>Fails to shift other than 2nd ↔ 4th gear.</li> <li>Lock-up clutch does not engage.</li> </ul>	<ul style="list-style-type: none"> <li>Short in shift position console switch wire</li> <li>Faulty shift position console switch</li> </ul>	9-28
6	OFF	<ul style="list-style-type: none"> <li>Fails to shift other than 2nd ↔ 4th gear.</li> <li>Lock-up clutch does not engage.</li> <li>Lock-up clutch engages and disengages alternately.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected shift position console switch connector</li> <li>Open in shift position console switch wire</li> <li>Faulty shift position console switch.</li> </ul>	9-17
7	Blinks	<ul style="list-style-type: none"> <li>Fails to shift other than 1st ↔ 4th, 2nd ↔ 4th, or 2nd ↔ 3rd gears.</li> <li>Fails to shift (stuck in 4th gear).</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected shift control solenoid valve A connector</li> <li>Open or short in shift control solenoid valve A wire</li> <li>Faulty shift control solenoid valve A</li> </ul>	9-19
8	Blinks	<ul style="list-style-type: none"> <li>Fails to shift (stuck in 1st gear or 4th gear).</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected shift control solenoid valve B connector</li> <li>Open or short in shift control solenoid valve B wire</li> <li>Faulty shift control solenoid valve B</li> </ul>	9-20
9	Blinks	<ul style="list-style-type: none"> <li>Lock-up clutch does not engage.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected A/T speed pulser</li> <li>Open or short in A/T speed pulser wire</li> <li>Faulty A/T speed pulser</li> </ul>	9-21
10	Blinks	<ul style="list-style-type: none"> <li>Lock-up clutch does not engage.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected coolant temperature sensor connector</li> <li>Open or short in coolant temperature sensor wire</li> <li>Faulty coolant temperature sensor</li> </ul>	9-22
11	OFF	<ul style="list-style-type: none"> <li>Lock-up clutch does not engage.</li> </ul>	<ul style="list-style-type: none"> <li>Disconnected ignition coil connector</li> <li>Open or short in ignition coil wire</li> <li>Faulty ignition coil</li> </ul>	9-23
12	OFF	<ul style="list-style-type: none"> <li>Lock-up clutch does not disengage.</li> </ul>	<ul style="list-style-type: none"> <li>Short in cooling fan control unit wire</li> <li>Faulty cooling fan control unit (See Section 16)</li> </ul>	9-24

### NOTE:

- If a customer describes the symptoms for codes 3,6 or 11, yet the LED is not blinking, it will be necessary to recreate the symptom by test driving, and then checking the LED with the ignition STILL ON.
- If the LED display blinks 13 or more times, the control unit is faulty.