

Symptom-to-Component Chart



Electrical System

Number of LED display blinks	S4 indicator light	Symptom	Probable Cause	Ref. page
1	Blinks	<ul style="list-style-type: none"> Lock-up clutch does not engage. Lock-up-clutch does not disengage. Frequent engine stalling. 	<ul style="list-style-type: none"> Disconnected lock-up control solenoid valve A connector Open or short in lock-up control solenoid valve A wire Faulty lock-up control solenoid valve A 	9-36
2	Blinks	<ul style="list-style-type: none"> Lock-up clutch does not engage. 	<ul style="list-style-type: none"> Disconnected lock-up control solenoid valve B connector Open or short in lock-up control solenoid valve B wire Faulty lock-up control solenoid valve B 	9-37
3	Blinks or OFF	<ul style="list-style-type: none"> Lock-up clutch does not engage. 	<ul style="list-style-type: none"> Disconnected throttle angle sensor connector Open short in throttle angle sensor wire Faulty throttle angle sensor 	9-38 9-40
4	Blinks	<ul style="list-style-type: none"> Lock-up clutch does not engage. 	<ul style="list-style-type: none"> Disconnected speed pulser connector Open or short in speed pulser wire Faulty speed pulser 	9-41
5	Blinks	<ul style="list-style-type: none"> Fails to shift other than 2nd ↔ 4th gear. Lock-up clutch does not engage. 	<ul style="list-style-type: none"> Short in shift position console switch wire Faulty shift position console switch 	9-42
6	OFF	<ul style="list-style-type: none"> Fails to shift other than 2nd ↔ 4th gear. Lock-up clutch does not engage. Lock-up clutch engages and disengages alternately. 	<ul style="list-style-type: none"> Disconnected shift position console switch connector Open in shift position console switch wire Faulty shift position console switch. 	9-44
7	Blinks	<ul style="list-style-type: none"> Fails to shift other than 1st ↔ 4th, 2nd ↔ 4th, or 2nd ↔ 3rd gears. Fails to shift (stuck in 4th gear). 	<ul style="list-style-type: none"> Disconnected shift control solenoid valve A connector Open or short in shift control solenoid valve A wire Faulty shift control solenoid valve A 	9-46
8	Blinks	<ul style="list-style-type: none"> Fails to shift (stuck in 1st gear or 4th gear). 	<ul style="list-style-type: none"> Disconnected shift control solenoid valve B connector Open or short in shift control solenoid valve B wire Faulty shift control solenoid valve B 	9-47
9	Blinks	<ul style="list-style-type: none"> Lock-up clutch does not engage. 	<ul style="list-style-type: none"> Disconnected A/T speed pulser Open or short in A/T speed pulser wire Faulty A/T speed pulser 	9-48
10	Blinks	<ul style="list-style-type: none"> Lock-up clutch does not engage. 	<ul style="list-style-type: none"> Disconnected coolant temperature sensor connector Open or short in coolant temperature sensor wire Faulty coolant temperature sensor 	9-49 9-50
11	OFF	<ul style="list-style-type: none"> Lock-up clutch does not engage. 	<ul style="list-style-type: none"> Disconnected ignition coil connector Open or short in ignition coil wire Faulty ignition coil 	9-51

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 12 or more times, the control unit is faulty.

(cont'd)

Symptom-to-Component Chart

Electrical System (cont'd)

If the self-diagnosis LED indicator does not blink, perform an inspection according to the table listed below.

Symptom	INSPECTION		Probable Cause	Ref. page
	Carbureted engine	Fuel-injected engine		
<ul style="list-style-type: none"> S₄ indicator light does not come on with the ignition switch ON (S₄ indicator light should come on for about 2 sec.). Fails to shift (stuck in 4th gear). 	①	①	<ul style="list-style-type: none"> Loosely or poorly connected power line to control unit or disconnected control unit ground wire Open or short in S₄ indicator light wire Blown S₄ indicator light bulb 	9-33
<ul style="list-style-type: none"> S₄ won't engage. 	②	②	<ul style="list-style-type: none"> Open or short in S₄ switch wire Faulty S₄ switch 	9-34
<ul style="list-style-type: none"> At first, you step on the brake pedal with shift lever in N range, then fails to shift from 2nd to 1st gear when releasing brake pedal with shift lever shifted in S or D range from N range. 	③	③	<ul style="list-style-type: none"> Open or short in brake light switch wire 	9-35
<ul style="list-style-type: none"> Lock-up clutch turns ON and turns OFF alternately. 	④		<ul style="list-style-type: none"> Faulty A/C idle up solenoid valve driving signal. 	9-52
<ul style="list-style-type: none"> Lock-up clutch does not engage. 	④			