



Symptom-to-Component Chart

Electrical System

Number of LED display blinks	S ₄ indicator light	Possible Cause	Symptom	Refer to page
1	Blinks	<ul style="list-style-type: none"> • Disconnected lock-up control solenoid valve A coupler • Short or open in lock-up control solenoid valve A wire • Faulty lock-up control solenoid valve A 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. • Lock-up clutch does not disengage. • Frequent engine stalling. 	9-9
2	Blinks	<ul style="list-style-type: none"> • Disconnected lock-up control solenoid valve B coupler • Short or open in lock-up control solenoid valve B wire • Faulty lock-up control solenoid valve B 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	9-10
3	Blinks or OFF	<ul style="list-style-type: none"> • Disconnected throttle angle sensor coupler • Short or open in throttle angle sensor wire • Faulty throttle angle sensor 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	9-11
4	Blinks	<ul style="list-style-type: none"> • Disconnected pulser coupler • Short or open in speed pulser wire • Faulty speed pulser 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	9-12 9-13
5	Blinks	<ul style="list-style-type: none"> • Short in shift position console switch wire • Faulty shift position console switch 	<ul style="list-style-type: none"> • Fails to shift other than 2nd ↔ 4th gears. • Lock-up clutch does not engage. 	9-14
6	OFF	<ul style="list-style-type: none"> • Disconnected shift position console switch coupler • Open in shift position console switch wire • Faulty shift position console switch 	<ul style="list-style-type: none"> • Fails to shift other than 2nd ↔ 4th gears. • Lock-up clutch does not engage. • Lock-up clutch engages and disengages alternately. 	9-16
7	Blinks	<ul style="list-style-type: none"> • Disconnected shift control solenoid valve A coupler • Short or open in shift control solenoid valve A wire • Faulty shift control solenoid valve A 	<ul style="list-style-type: none"> • Fails to shift (between 1st ↔ 4th, 2nd ↔ 4th or 2nd ↔ 3rd gears only). • Fails to shift (stuck in 4th gear) 	9-18
8	Blinks	<ul style="list-style-type: none"> • Disconnected shift control solenoid valve B coupler • Short or open in shift control solenoid valve B wire • Faulty shift control solenoid valve B 	<ul style="list-style-type: none"> • Fails to shift (stuck in 1st or 4th gears). 	9-19

(cont'd)

Symptom-to-Component Chart

Electrical System (cont'd)

Number of LED display blinks	S ₄ indicator light	Possible Cause	Symptom	Refer to page
9	Blinks	<ul style="list-style-type: none"> • Disconnected NC speed sensor coupler • Short or open in the NC speed sensor wire • Faulty NC speed sensor 	• Lock-up clutch does not engage.	9-20
10	Blinks	<ul style="list-style-type: none"> • Disconnected water temperature sensor coupler • Short or open in the water temperature sensor wire • Faulty water temperature sensor 	• Lock-up clutch does not engage.	9-21
11	OFF	<ul style="list-style-type: none"> • Disconnected ignition coil coupler • Short or open in ignition coil wire • Faulty ignition coil 	• Lock-up clutch does not engage.	9-22
12	OFF	<ul style="list-style-type: none"> • Short in cooling fan control unit wire • Faulty cooling fan control unit 	• Lock-up clutch does not disengage.	9-23
14	OFF	<ul style="list-style-type: none"> • Short or open in FAS wire • Trouble in PGM-FI ECU 	• Transmission jerks hard when shifting.	9-24
15	OFF	<ul style="list-style-type: none"> • Disconnected NM speed sensor coupler • Short or open in NM speed sensor wire • Faulty NM speed sensor 	• Transmission jerks hard when shifting.	9-26

Brake Light Signal Inspection	9-28
A/C Signal Inspection	9-29
S ₄ Switch Signal Inspection	9-30

- 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 displays codes other than those listed above or stays lit continuously, the control unit is faulty.
- Sometimes the S₄ indicator light and the Check Engine warning light may come on simultaneously. If so, check the PGM-FI system according to the number of blinks on the PGM-FI ECU self-diagnosing indicator, then reset the memory by removing the Clock fuse in the dash fuse box for more than 10 seconds. Drive the vehicle for several minutes at speed over 30 mph (50 km/h), then recheck the lights.