

Electrical Troubleshooting

Symptom-to-Component Chart

Number of D4 indicator light blinks while Service Check Connector is jumped.	D4 indicat- or light	Possible Cause	Symptom	Refer to page
1	Blinks	<ul style="list-style-type: none"> • Disconnected lock-up control solenoid valve A connector • 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. • Unstable idle speed. 	14-50
2	Blinks	<ul style="list-style-type: none"> • Disconnected lock-up control solenoid valve B connector • 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. 	14-51
3	Blinks or OFF	<ul style="list-style-type: none"> • Disconnected throttle angle sensor connector • Short or open in throttle angle sensor wire • Faulty throttle angle sensor 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	14-52
4	Blinks	<ul style="list-style-type: none"> • Disconnected speed sensor connector • Short or open in speed sensor wire • Faulty speed sensor 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	14-53
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. 	14-54
6	OFF	<ul style="list-style-type: none"> • Disconnected shift position console switch connector • 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. 	14-56
7	Blinks	<ul style="list-style-type: none"> • Disconnected shift control solenoid valve A connector • 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) 	14-58
8	Blinks	<ul style="list-style-type: none"> • Disconnected shift control solenoid valve B connector • 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). 	14-59
9	Blinks	<ul style="list-style-type: none"> • Disconnected NC speed sensor connector • Short or open in the NC speed sensor wire • Faulty NC speed sensor 	<ul style="list-style-type: none"> • Lock-up clutch does not engage. 	14-60



Number of D4 indicator light blinks while Service Check Connector is jumped.	D4 indicator light	Possible Cause	Symptom	Refer to page
10	Blinks	<ul style="list-style-type: none"> • Disconnected water temperature sensor connector • Short or open in the water temperature sensor wire • Faulty water temperature sensor 	• Lock-up clutch does not engage.	14-62
11	OFF	• Trouble in ECU	• Lock-up clutch does not engage.	14-63
14	OFF	• Trouble in ECU	• Transmission jerks hard when shifting.	14-64
15	OFF	<ul style="list-style-type: none"> • Disconnected NM speed sensor connector • Short or open in NM speed sensor wire • Faulty NM speed sensor 	• Transmission jerks hard when shifting.	14-65
16	Blinks	<ul style="list-style-type: none"> • Disconnected linear solenoid connector • Short or open in linear solenoid wire • Faulty linear solenoid 	<ul style="list-style-type: none"> • Transmission jerks hard when shifting • Lock-up clutch does not engage. 	14-68
17	OFF	<ul style="list-style-type: none"> • Short in kick-down switch wire • Faulty kick-down switch 	• 4th → 2nd kick-down speed is low.	14-69

If the self-diagnosis D4 indicator light does not blink, perform an inspection according to the table listed below.

Symptom	Probable Cause	Ref. page
D4 indicator light does not come on for 2 seconds after ignition is first turned on.	—	14-70
D4 indicator light is on steady, not blinking whenever the ignition is on.	—	14-72
Transmission does not kick-down when the kick-down switch is on.	Check kick-down switch signal.	14-16

- If a customer describes the symptoms for codes 3, 6, 11 or 17, yet the D4 indicator light is not blinking, it will be necessary to recreate the symptom by test driving, and then checking the D4 indicator light with the ignition still ON.
- If the D4 indicator light displays codes 1, 2, 3, 7, 8, or 16, check first the No. 31, 25, 5 and 22 fuse before electrical troubleshooting. If any of the fuses have blown, repair them and then recheck.
- If the D4 indicator light displays codes other than those listed above or stays lit continuously, the ECU is faulty.
- Sometimes the D4 indicator light and the Check Engine light may come on simultaneously. If so, check the PGM-FI system according to the number of blinks on the PGM-FI self-diagnosing indicator, then reset the memory by removing the BACK UP fuse in the under-hood fuse box for more than 10 seconds. Drive the vehicle for several minutes at speeds over 30 mph (50 Km/h), then recheck the lights.