

1989-1996 Landcruiser / 4Runner / Pickup Cruise Control Error Codes

INDICATOR CHECK

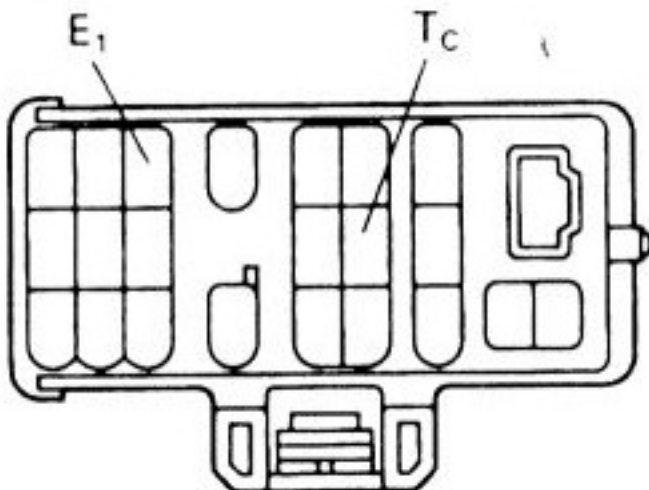
Turn the ignition switch ON. Check that the CRUISE indicator light comes on when the cruise control main switch is turned on, and that the indicator light turns off when the main switch is turned off.

DIAGNOSTIC TROUBLE CODES (DTC)

If a malfunction occurs in the system during cruise control driving, the ECM cancels the cruise control, and blinks the CRUISE indicator light 5 times to inform the driver of a malfunction. At the same time, the malfunction is stored in the memory as a diagnostic trouble code.

READING CODES:

1. Turn the ignition switch ON.
2. Using SST 09843-18020 or an equivalent jumper wire (i.e. a paperclip), connect terminals TC and E1 of the DLC1. The DLC1 is located under the hood next to the fusebox. (typically)
3. Read the diagnostic trouble code on the CRUISE indicator light.
4. Turn the ignition OFF
5. IMPORTANT: Disconnect the jumper .



Code No.	CRUISE MAIN Indicator Light Blinking Pattern	Diagnosis
-	ON OFF 8E3931	Normal
11	ON OFF 8E3931	<ul style="list-style-type: none"> ● Duty ratio of 100% output to motor acceleration side. ● Overcurrent (short) in motor circuit.
12	ON OFF 8E3931	<ul style="list-style-type: none"> ● Overcurrent (short) in magnet clutch circuit. ● Open in magnet clutch circuit.
13	ON OFF 8E3931	<ul style="list-style-type: none"> ● Open in actuator motor circuit. ● Position sensor detects abnormal voltage. ● Position sensor signal value does not change when the motor operates.
21	ON OFF 8E3932	<ul style="list-style-type: none"> ● Speed signal is not input to the Cruise Control ECU.
23	ON OFF 8E3932	<ul style="list-style-type: none"> ● Actual vehicle speed has dropped by 16 km/h (10 mph) or more below the set speed during crusing.
32	ON OFF 8E3933	<ul style="list-style-type: none"> ● Short in control switch circuit.
34	ON OFF 8E3933	<ul style="list-style-type: none"> ● Voltage abnormality in control switch circuit.
41	ON OFF 8E4345	<ul style="list-style-type: none"> ● When 41 code is indicated, replace the cruise control ECU.

After completing repairs, the diagnostic code can be cleared by removing the ECM-B fuse for 10 seconds or more. Make sure the ignition switch is OFF. Check that the normal code is displayed after connecting the fuse.