DIC3V–01

DIAGNOSTIC TROUBLE CODE CHART

NOTICE:

When removing the part, turn the ignition switch OFF.

HINT:

- Using SST 09843 –18020, connect the terminals Tc and E_1, and remove the short pin.
- If any abnormality is not found when inspecting parts, inspect the ECU.
- If a malfunction code is displayed during the DTC check, check the circuit listed for that code. For details of each code, turn to the page referred to under the "See page" for respective "DTC No." in the DTC chart.

DTC No. (See Page)	Detection Item	Trouble Area
C0278 / 11 ★	Open or short in ABS solenoid relay circuit	• ABS solenoid relay • ABS solenoid relay circuit
C0279 / 12 ★	B+ short in ABS solenoid relay circuit	• ABS solenoid relay • ABS solenoid relay circuit
C0226 / 21 ★	Open or short in hydraulic brake booster solenoid circuit (SFR circuit)	• Hydraulic brake booster • SFRR or SFRH circuit
C0236 / 22 ★	Open or short in hydraulic brake booster solenoid circuit (SFL circuit)	• Hydraulic brake booster • SFLR or SFLH circuit
C0246 / 23 ★	Open or short in hydraulic brake booster solenoid circuit (SRR circuit)	• Hydraulic brake booster • SRH or SRR circuit
C1225 / 25 ★	Open or short in hydraulic brake booster solenoid circuit (SA1 circuit)	• Hydraulic brake booster • SA1 circuit
C1226 / 26 ★	Open or short in hydraulic brake booster solenoid circuit (SA2 circuit)	• Hydraulic brake booster • SA2 circuit
C0200 / 31*1 (DI–79)	Right front wheel speed sensor signal malfunction	• Right front speed sensor • Speed sensor circuit • Sensor rotor
C0205 / 32*1 (DI–65)	Left front wheel speed sensor signal malfunction	• Left front speed sensor • Speed sensor circuit • Sensor rotor
C0210 / 33*1 (DI–65)	Right rear wheel speed sensor signal malfunction	• Right rear speed sensor • Speed sensor circuit • Sensor rotor
C0215 / 34*1 (DI–65)	Left rear wheel speed sensor signal malfunction	• Left rear speed sensor • Speed sensor circuit • Sensor rotor
C1237 / 37 ★	Some tire is different size from the other tires	• Tire size
C1241 / 41 ★	Low battery voltage or open circuit in IG1 circuit	• Battery • IC regulator • Power source circuit
C1242 / 42 ★	Open circuit in IG2 circuit	• Battery • IC regulator • Power source circuit
C1243 / 43 ★	Malfunction in deceleration sensor (constant output)	• Deceleration sensor • Wire harness for deceleration sensor system
C1244 / 44 ★	Open or short circuit in deceleration sensor circuit	• Deceleration sensor • Deceleration sensor circuit
C1245 / 45 ★	Malfunction in deceleration sensor	• Deceleration sensor • Wire harness for deceleration sensor system

C1248/48 ★	• Open or short circuit in rear differential lock circuit • Rear differential is locking	• Rear differential lock
C1249/49 ★	Open circuit in stop light switch circuit	• Stop light switch circuit
C1251/51*2 ★	• Pump motor is locked • Open circuit in pump motor ground	• Hydraulic brake booster pump motor
C1252/52*2 ★	Hydraulic brake booster pump motor malfunction	• Hydraulic brake booster pump motor • Hydraulic brake booster pump motor circuit • Pressure switch (PH or PL)
C1253/53*2 ★	Hydraulic brake booster pump motor relay malfunction	• ABS motor relay • ABS motor relay circuit
C1254/54*2 ★	Pressure switch malfunction	• Pressure switch (PH or PL) • Pressure switch circuit
C1256/56*2 ★	Accumulator low pressure malfunction	• Accumulator • Pressure switch (PH or PL) • Hydraulic brake booster pump motor
C1257/57*2 ★	Power supply drive circuit malfunction	• Battery • Power Source circuit • ABS ECU
Always ON ★	Malfunction in ABS ECU	• Battery • IC regulator • Power source circuit • ABS ECU

*1: As the DTC cannot be erased by replacing parts alone do either of the following operations.

(1) Clear the DTC (See page DI–54).

(2) At a vehicle speed of 20 km/h (12 mph), drive the vehicle for 30 seconds or more.

*2: Using the following table, troubled parts can be specified.

★: Refer to LAND CRUISER Repair Manual Pub. No. RM616E

DTC		42		51		52		53		54		56		57	
BRAKE warning light and buzzer		Light	Buzzer	Light	Buzzer	Light	Buzzer	Light	Buzzer	Light	Buzzer	Light	Buzzer	Light	Buzzer
Pressure switch	PH					○	○			○		○	○		
	PL					○	○			○		○	○		
Pump motor circuit	Pump motor			○	○	○	○					○	○		
	MTT wire harness					○	○	○							
	MT+ wire harness			○											
	MT– wire harness			○											
Accumulator malfunction												○	○		
Motor relay circuit	MR1 open circuit							○							
	MR2 open circuit							○							
	MR1 welded contact					○	○	○							
	MR2 welded contact					○	○	○							
Hydraulic brake booster	Pressure leaks					○	○					○	○		
Power souse*	IG2 open circuit	○													
ECU	Power supply circuit													○	

*: When IG1 circuit is open, the ABS warning light and BRAKE warning light come on.