05JT8–01

DATA LIST/ACTIVE TEST

DATA LIST

According to the DATA LIST displayed by the intelligent tester II, you can read the value of the switch, sensor, actuator and so on without parts removal. Reading the DATA LIST as the first step of troubleshooting is one method to shorten work time.

(a) Warm up the engine.
(b) Turn the ignition switch to OFF.
(c) Connect the intelligent tester II to DLC3.
(d) Turn the ignition switch to ON.
(e) Operate the intelligent tester II according to the steps on the display and select ”DATA LIST”.

METER:

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
SPEED METER	Vehicle speed / Min.: 0 km/h (0 mph), Max.: 255 km/h (158 mph)	Almost same as actual vehicle speed (When driving)	–
TACHO METER	Engine speed / Min.: 50 rpm, Max.: 12,750 rpm	Almost same as actual engine speed (When engine is running)	–
FUEL GAUGE	Fuel input signal Min.: 0, Max.: 255	Fuel gauge indicates (F): 48 Fuel gauge indicates (3/4): 93 Fuel gauge indicates (1/2): 148 Fuel gauge indicates (1/4): 188 Fuel gauge indicates (E): 206	–
LIGHT RHEOSTAT	Light control rheostat / Min.: 0, Max.: 255	Light control rheostat switch is Dark (0) → Bright (255)	–
ODO/TRIP SW	ODO/TRIP switch is ON / OFF	ON: Switch is pushed OFF: Switch is released	–
TAIL CANCEL SW	TAIL CANCEL switch is ON / OFF	ON: Tail cancel position OFF: Except tail cancel position	–

ECM:

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
VEHICLE SPEED	Vehicle speed / Min.: 0 km/h (0 mph), Max.: 255 km/h (158 mph)	Almost same as actual vehicle speed (When driving)	–
ENGINE SPD	Engine speed / Min.: 0 rpm, Max.: 16,383 rpm	Almost same as actual engine speed (When engine is running)	–
COOLANT TEMP	Coolant Temperature / Min.: –40°C (–40°F), Max.: 140°C (284°F)	After warming up: 80 to 95°C (176 to 203°F)	If the value is ”–40°C (–40°F)” or ”140°C (284°F)”, sensor circuit is open or shorted.

ABS:

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
(FR/FL/RR/RL) SPD	Vehicle speed / Min.: 0 km/h (0 mph), Max.: 326 km/h (202 mph)	Almost same as actual speed (When driving)	–

ACTIVE TEST

According to the DATA LIST displayed by the intelligent tester II, you can read the value of the switch, sensor, actuator and so on without parts removal. Reading the ACTIVE TEST as the first step of troubleshooting is one method to shorten work time.

(a) Warm up the engine.
(b) Turn the ignition switch to OFF.
(c) Connect the intelligent tester II to DLC3.
(d) Turn the ignition switch to ON.
(e) Operate the intelligent tester II according to the steps on the display and select ”ACTIVE TEST”.

METER:

Item	Test Details	Diagnostic Note
SPEED METER	0 / 40(25) / 80(50) / 120(75) / 160(99) / 200(124) km/h(mph)	–
TACHOMETER	0rpm / 1000rpm / 2000rpm / 3000rpm / 4000rpm / 5000rpm / 6000rpm / 7000rpm	–
FUEL GAUGE	FULL, METER F, 3/4, 1/2, 1/4, METER EMPTY	–
COOLANT TEMP	Low, 60°C (140°F), 70°C (158°F), 80°C (176°F), NORMAL, 110°C (230°F), 120°C (248°F), HIGH	–
SHIFT INDIC	L/2/3(M)/4(M)/D/N/R/P	Comfirm that the vehicle is stopped and engine idling
LOW FUEL WARN	Indicat. Lamp FUEL (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
D–BELT REMIND	Indicat. Lamp D–SEAT BELT (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
OIL PRESS WARN	Indicat. Lamp OIL (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
DISCHARGE WARN	Indicat. Lamp CHARGE (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
TAILLIGHT INDIC	Indicat. Lamp TAIL (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
CRUISE INDIC	Indicat. Lamp CRUISE (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
Rr FOG INDIC	Indicat. Lamp Rr FOG (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
SRS WARN	Indicat. Lamp AIRBAG (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
TRC OFF INDIC	Indicat. Lamp TRAC (TRC) OFF (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
SLIP INDIC	Indicat. Lamp SLIP (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
O/D OFF INDIC	Indicat. Lamp O/D OFF (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
ODO/TRIP DISP	Indicat. ODO/TRIP DISPLAY (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
A/T OIL TEMP	A/T OIL temperatue operation (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
Fr FOG INDIC	Indicat. Lamp Fr FOG (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
DOOR WARN	Indicat. Lamp DOOR (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
ECT SNOW INDIC	Indicat. Lamp ECT SNOW (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
KEY REMND BUZZR	Key remained buzzer (OFF/ON)	Comfirm that the vehicle is stopped and engine idling

Item	Test Details	Diagnostic Note
SEAT BELT BUZZR	Seat Belt buzzer (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
REVERSE BUZZER	Reverse buzzer (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
S SHFT RJCT BUZ	Sports Shift reject buzzer (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
SPEED BUZZER	Speed buzzer (OFF/ON)	Comfirm that the vehicle is stopped and engine idling
WARNING BUZZER	Warning buzzer (OFF/ON)	Comfirm that the vehicle is stopped and engine idling