05653–01

PRE–CHECK

1. DATA LIST

HINT:

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

(a) Warm up the engine.
(b) Turn the ignition switch OFF.
(c) Connect the hand–held tester to the DLC3.
(d) Turn the ignition switch to ON.
(e) According to the display on tester, read the ”DATA LIST”.

Item	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
ENGINE SPD	Engine Speed/ Min.: 0 rpm, Max.: 16,383 rpm	Idling: M/T 650 – 750 rpm A/T 550 – 750 rpm	
COOLANT TEMP	Coolant temperature/ Min.: –40 °C, Max.: 140 °C	After warming up: 80 – 95˚C (176 – 203˚F)	If the value is ”–40 °C” or ”140 °C”, sensor circuit is open or shorted.