

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.