

DATA LIST/ACTIVE TEST

DATA LIST

According to the DATA LIST displayed by the intelligent tester II, you can read the values of the switches, sensors, actuators 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 off.
- (c) Connect the intelligent tester II to the DLC3.
- (d) Turn the ignition switch to the ON position.
- (e) Operate the intelligent tester II according to the steps on the display and select "DATA LIST".

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 the same as the actual vehicle speed (When driving) | – |
| Engine Spd | Engine speed / Min.: 0 rpm, Max.: 16,383 rpm | Almost the same as the 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) Wheel Speed | Vehicle speed / Min.: 0 km/h (0 mph), Max.: 326 km/h (202 mph) | Almost same as actual speed (When driving) | – |