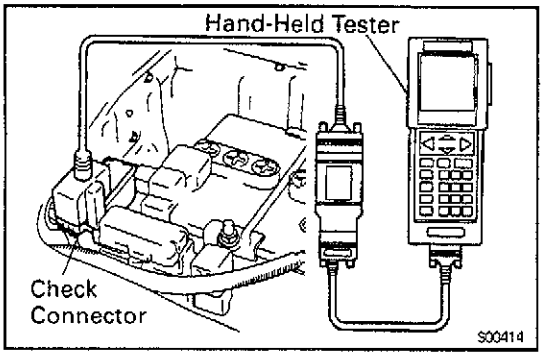


EG

REFERENCE VALUE OF ENGINE ECU DATA

EC392-0F

HINT: Engine ECU data can be monitored by hand—held tester.

1. Hook up the hand—held tester to the check connector.
2. Monitor engine ECU data by following the prompts on the tester screen.
   Please refer to the hand — held tester operator's manual for further details.

REFERENCE VALUE FOR ENGINE ECU DATA
(Engine at normal operating temperature)

EC0ZQ-02

Item	Inspection condition	Reference value
INJECTOR	Engine cold to hot Engine idling at normal operating temp. *1	Gradually decreases Approx. 3 — 4 msec.
IGNITION	Increase engine speed	Gradually increases
ENGINE SPD	RPM kept stable (Comparison with tachometer)	No great changes
INTAKE MAN.	Engine idling at normal operating temp. *1 Increase engine speed	Approx. 160 — 350 mmHg Gradually increases
COOLANT TEMP.	Engine at normal operating temp.	75 — 95°C (167 — 203°F) *2
THROTTLE	Closed throttle position Wide open throttle From closed throttle position to wide open throttle	Below 5° Above 70° Gradually increases
VEHICLE SPD	During driving (Comparison with speedometer)	No large differences
TARGET A/F L	Engine idling at normal operating temp.	2.50 ± 0.7 V *3
A/F FB LEFT	RPM stable at 2,500 rpm with normal operating temp.	ON
STA SIGNAL	During cranking	ON
IDL SIGNAL	Closed throttle position	ON
A/C SIGNAL	A/C switch ON	ON
Ox L	RPM stable at 2,500 rpm with normal operating temp.	RICH LEAN is repeated

*1: All accessories and A/C are switch OFF.
*2: If the engine coolant temperature sensor circuit is open or shorted, the engine ECU assumes an engine coolant temperature value of 80°C (176°F).
*3: When feedback control is forbidden, 0 V is displayed.