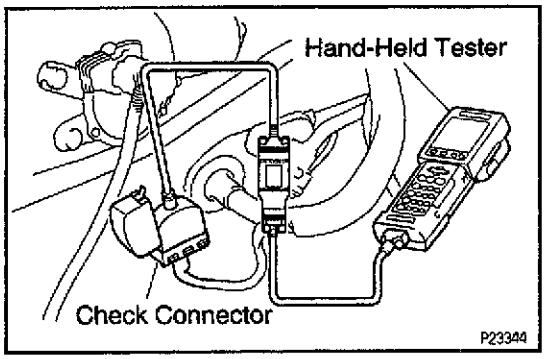

REFERENCE VALUE OF ENGINE ECU DATA

EG38Z–0A

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 temp.)

EG38B–03

Item	Inspection condition	Reference value
INJECTOR	Engine cold to hot Engine idling at normal operating temp. *1	Gradually decreases Approx. 3 msecs
IGNITION	Increase engine speed	Gradually increases
ISC STEP	Engine idling at normal operating temp. *1 A/C switch ON A/T shifting in "D" position Ignition switch ON (Do not start engine.)	40 ±10 steps Step increases Step increases Approx. 125 steps
ENGINE SPED	RPM kept stable (Comparison with tachometer)	No great changes
AIRFLOW *2	Engine idling at normal operating temp. *1 Increase engine speed	Approx. 6 g/s Gradually increases
AIRFLOW *3	Engine idling at normal operating temp. *1 Increase engine speed	Approx. 1.2 – 2.4 V Gradually increases
COOLANT TEMP.	Engine at normal operating temp.	75 – 95°C (167 – 203°F) *4
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 *5	Engine idling at normal operating temperature	2.50 ± 1.25 V *6
A/F FB LEFT *5	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
NSW SIGNAL *7	When shifting from "P" or "N" position into a position other than "P" or "N".	GEAR
Ox L *5	RPM stable at 2,500 rpm	RICH LEAN is repeated.