

Test Project

Automobile Technology

Module A2 - Engine Management – Report Sheet

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Competitor Report Sheet

Time allowed 90 Min

COMPETITOR NAME	COUNTRY CODE	MODULE	TRANSLATION LANGUAGE
		A2	ENGLISH

Module A2 – Engine Management

Display the #1 Fuel Injector 'Scope Trace at Idle and report below

Draw the Trace Here:

PIN ____ and PIN ____ volt ____ time ____

Display the #1 Fuel Injector 'Scope Trace at 2000 RPM and report below

Draw the Trace Here:

PIN ____ and PIN ____ volt ____ time ____

Display the oil pressure control valve Scope Trace at Idle and report below

Draw the Trace Here:

PIN ____ and PIN ____ volt ____ time ____

What type of signal is this? _____

Display the oil pressure sender Scope Trace at Idle and report below

Draw the Trace Here:

PIN ____ and PIN ____ volt ____ time ____

What type of signal is this? _____

Display the crankshaft sensor at idle, Scope Trace and report below

Draw the Trace Here:

PIN ____ and PIN ____ volt ____ time ____

What type of signal is this? _____

Display the lambda probe 1 G130 at idle, Scope Trace and report below

Draw the lambda probe 1 G130 at Idle, engine temp 90 ° Trace Here:

PIN ____ and PIN ____ volt ____ time ____

What is the voltage of this signal_____

What is the reason that there is a lambda sensor after the catalytic converter?
