



## **VEHICLE TECHNICIAN ACCREDITATION ASSESSMENT**

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### **PRACTICAL TASKS RESOURCES**

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## Suspension, Steering, Wheels & Tyres

<b>Module</b>	Suspension, Steering, Wheels & Tyres
<b>Task</b>	Sus - 01
<b>Task Title</b>	Tyre Wear
<b>Resource</b>	5 images of tyre wear  3 of the images should be selected and presented to the technician

**Tyre Wear – Image A**





**Tyre Wear – Image B**



**Tyre Wear – Image C**

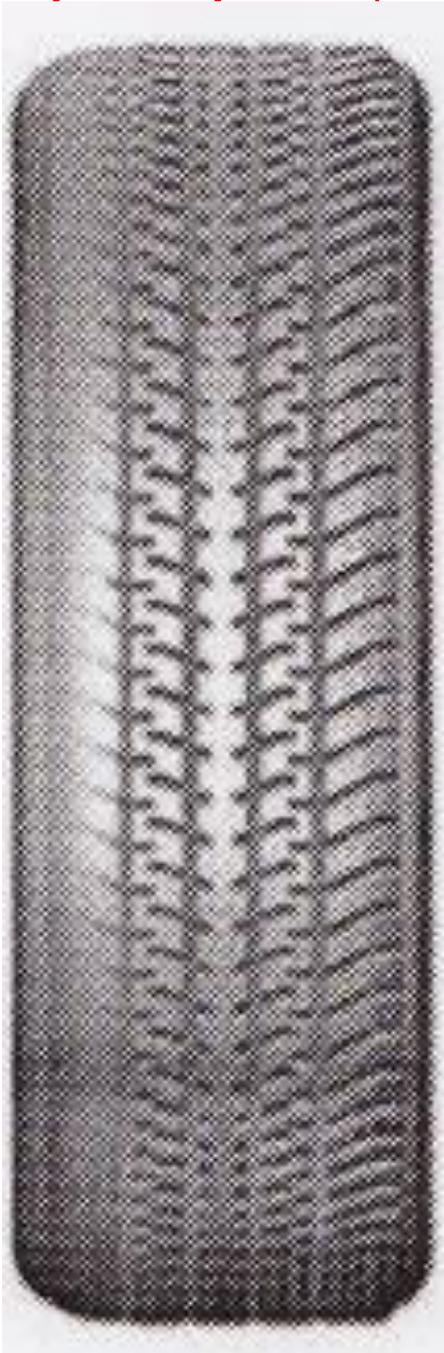


## Tyre Wear – Image D

1mm

3mm

5mm



Inner Edge

Outer Edge



## Tyre Wear – Image E

5mm

3mm

1mm



Outer Edge

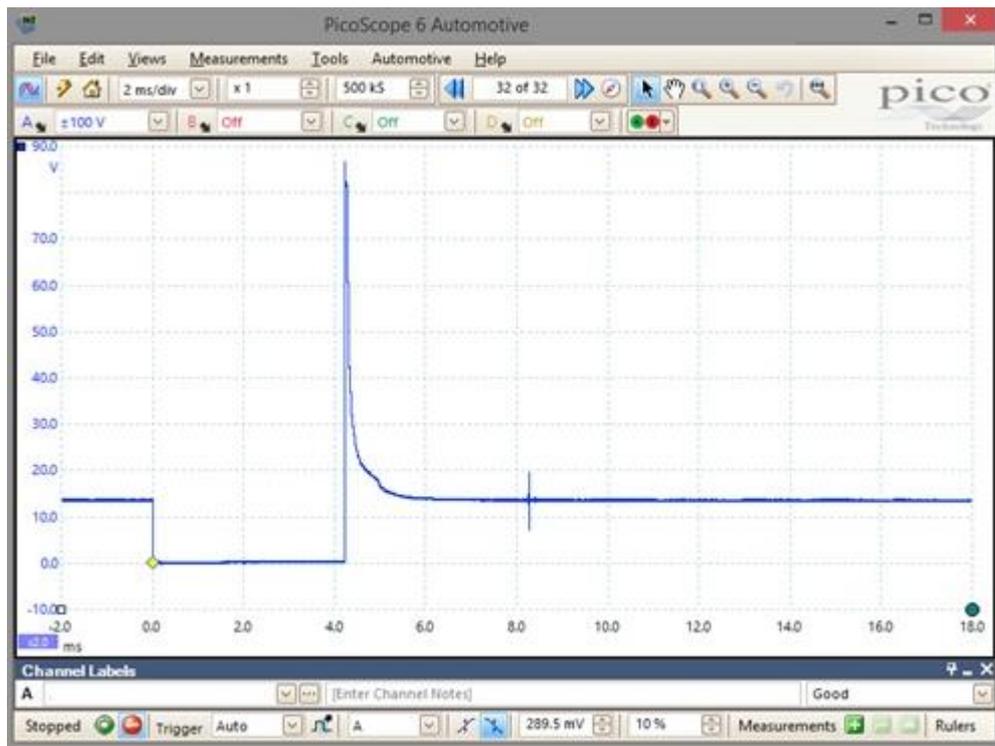
Inner Edge



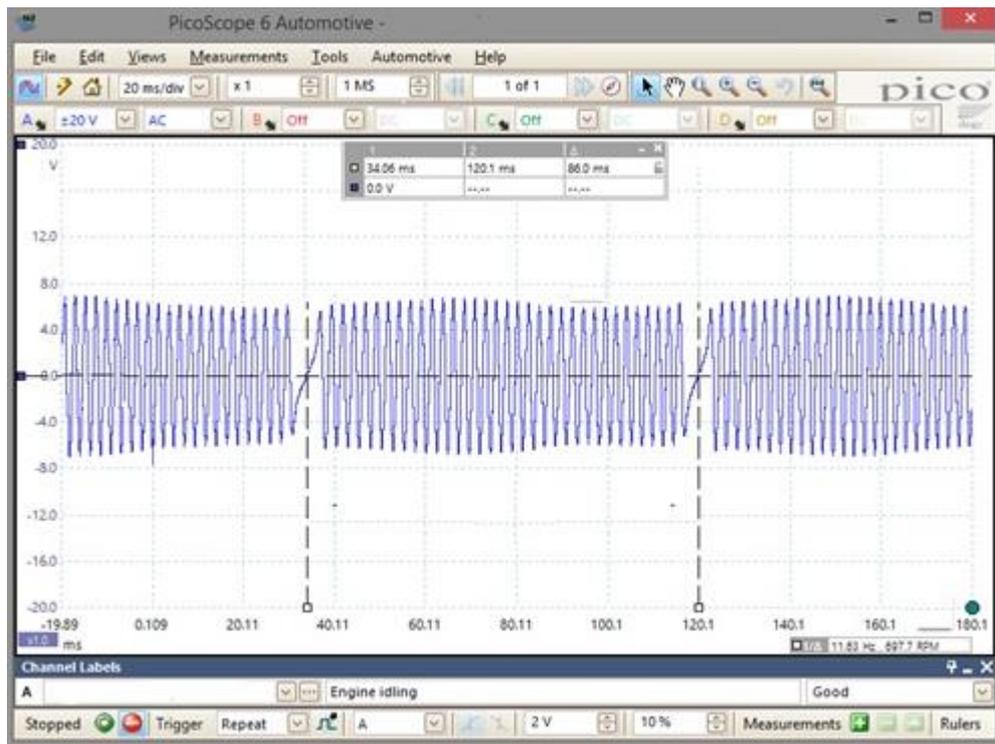
## Electrical

<b>Module</b>	Electrical
<b>Task</b>	Ele - 09
<b>Task Title</b>	Oscilloscope Waveform ID
<b>Resource</b>	Illustration of different oscilloscope waveform types  5 of the images should be selected and presented to the technician

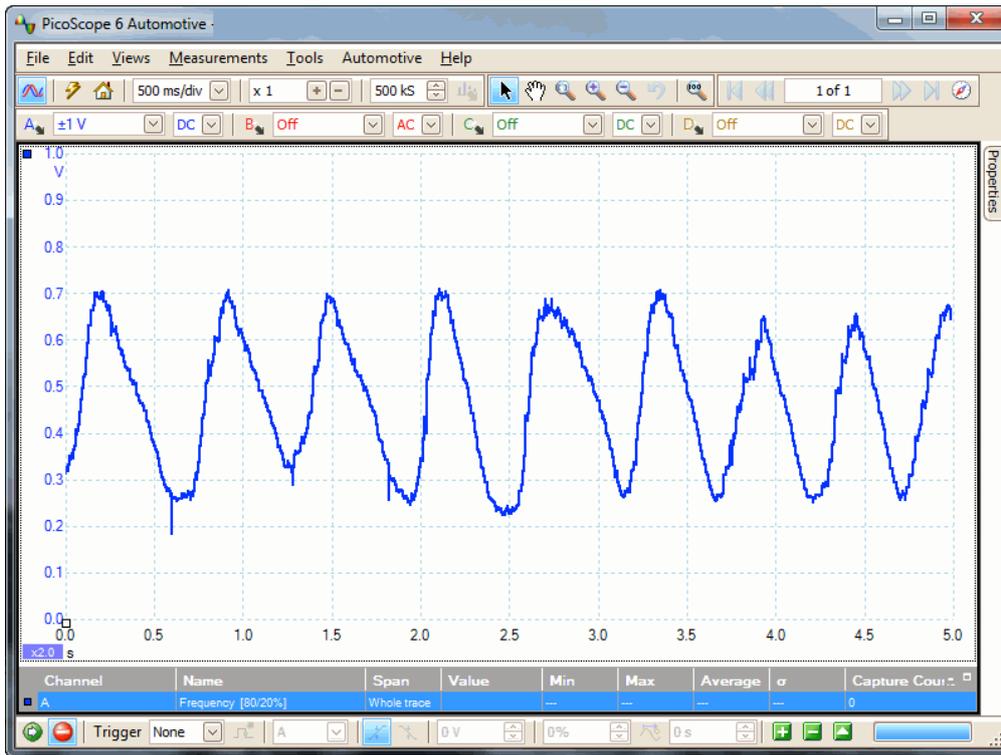
## Oscilloscope Waveform – Image A



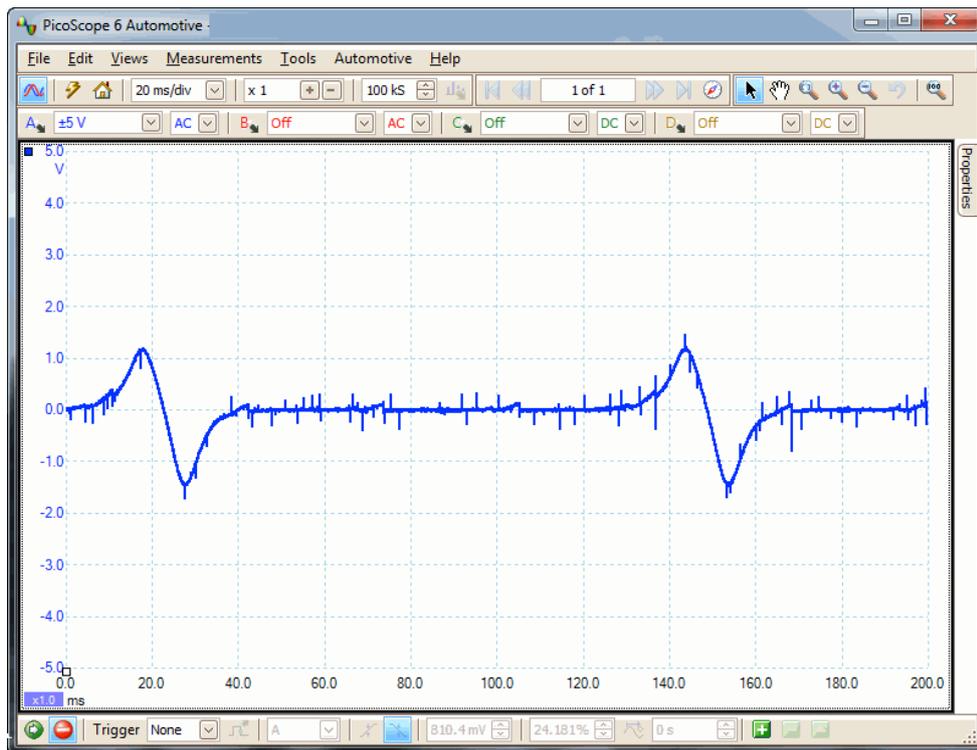
## Oscilloscope Waveform – Image B



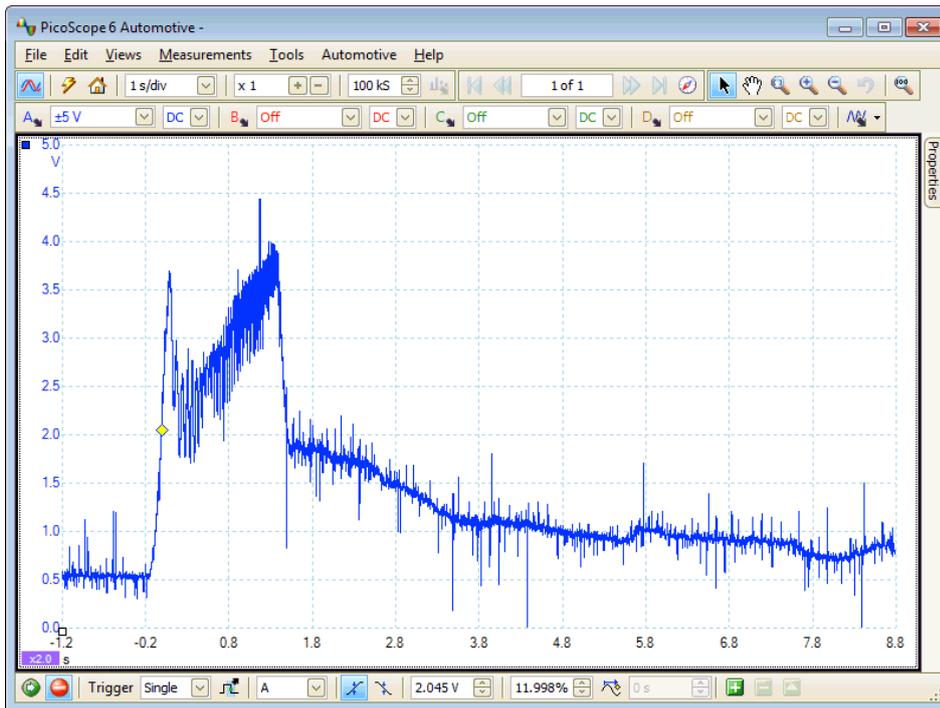
## Oscilloscope Waveform – Image C



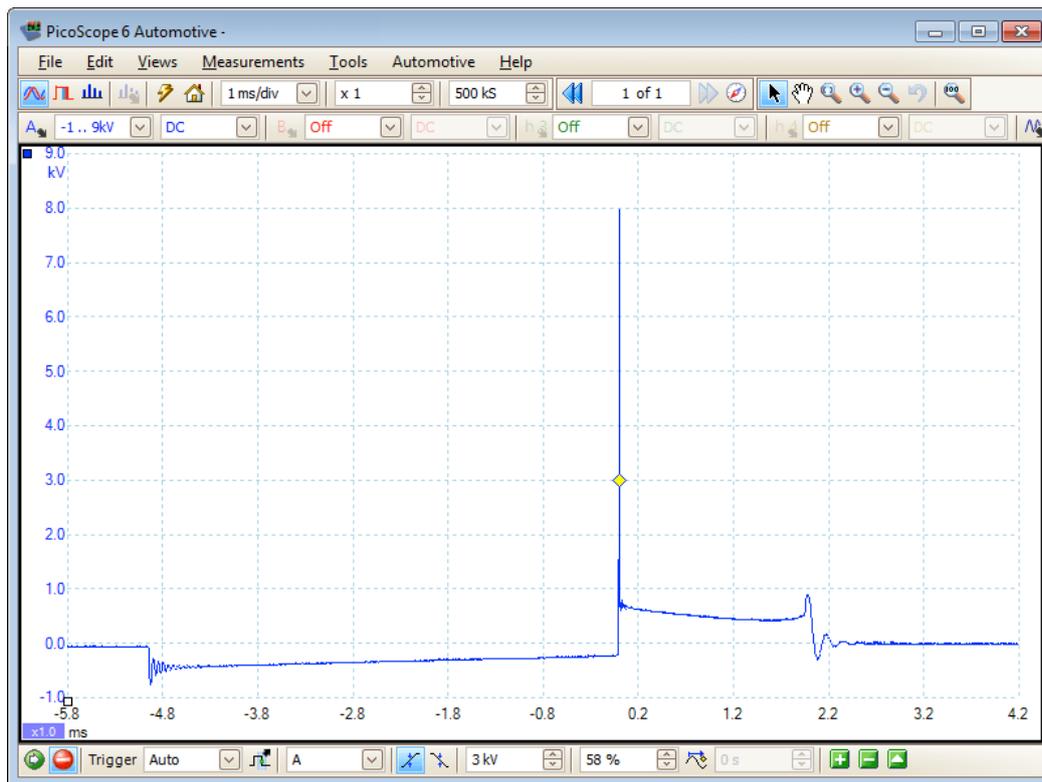
## Oscilloscope Waveform – Image D



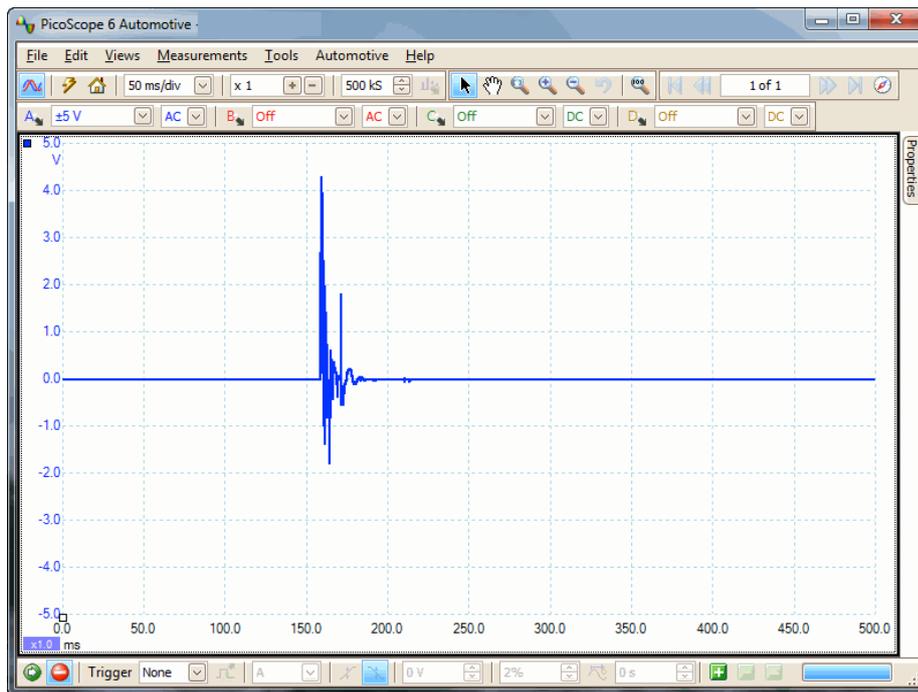
## Oscilloscope Waveform – Image E



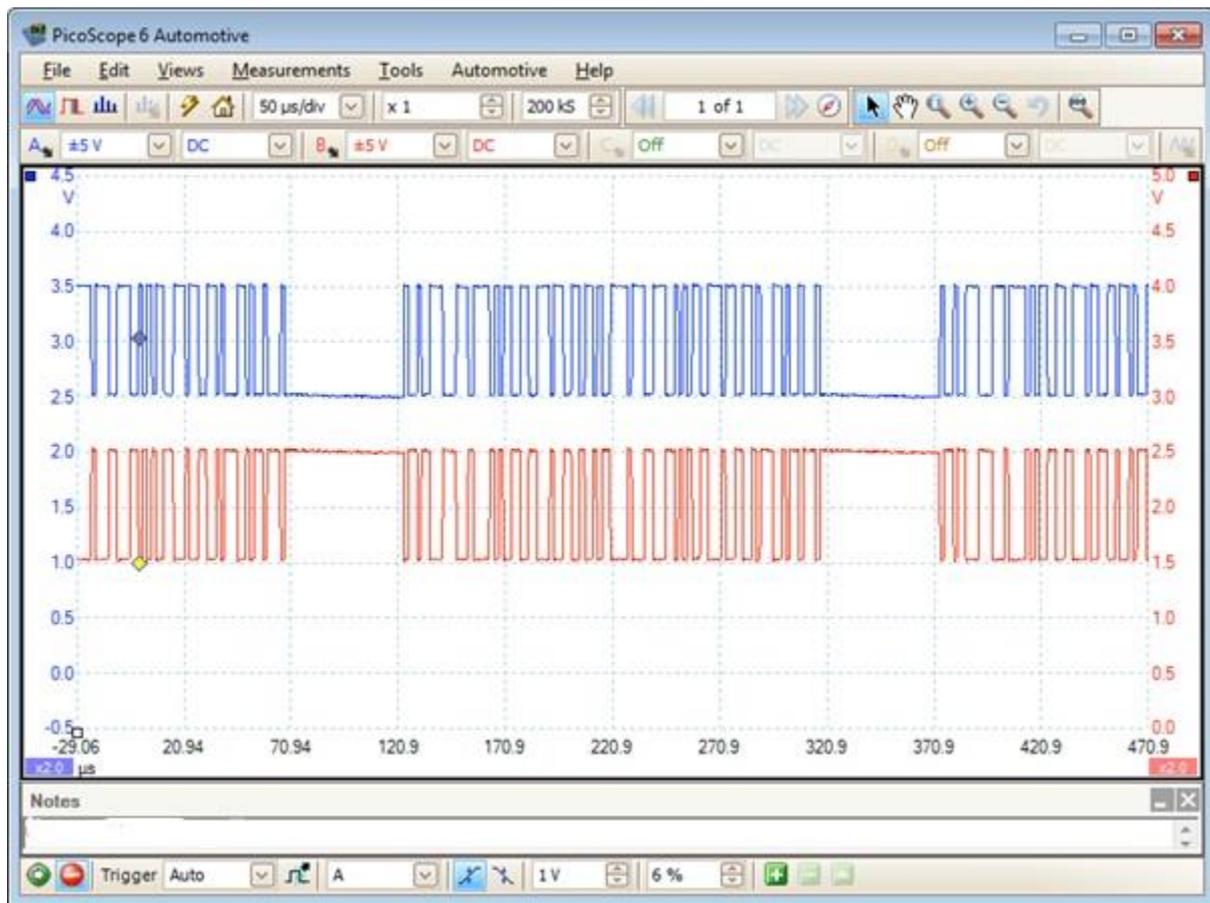
## Oscilloscope Waveform – Image F



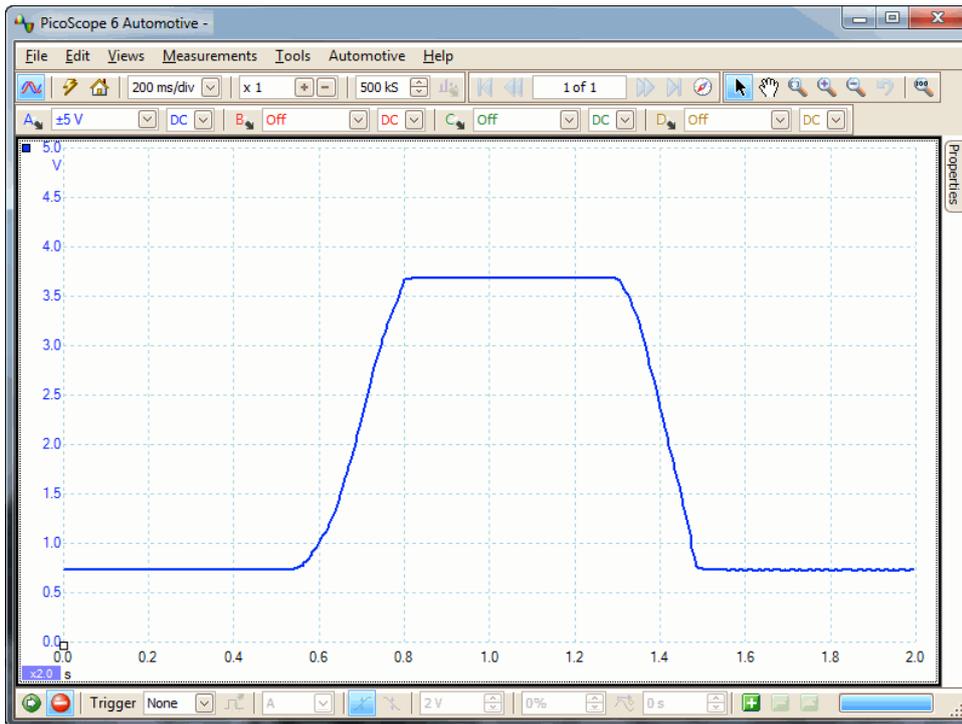
## Oscilloscope Waveform – Image G



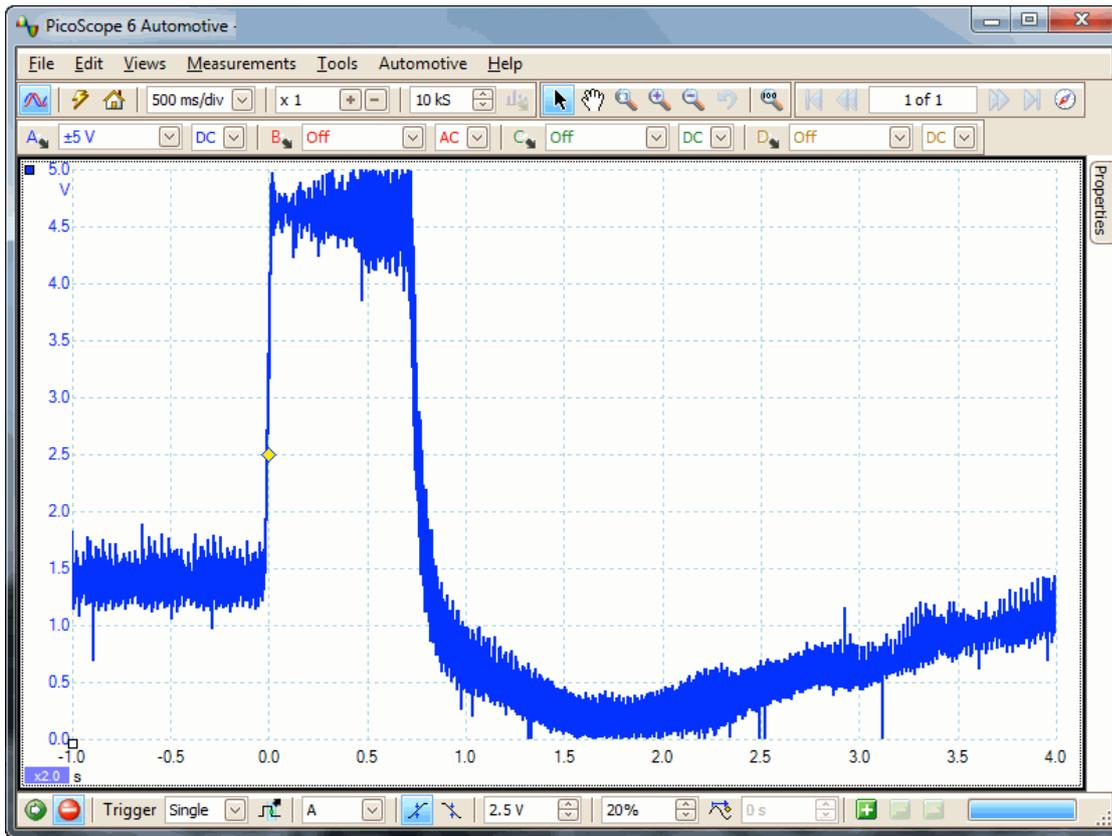
## Oscilloscope Waveform – Image H



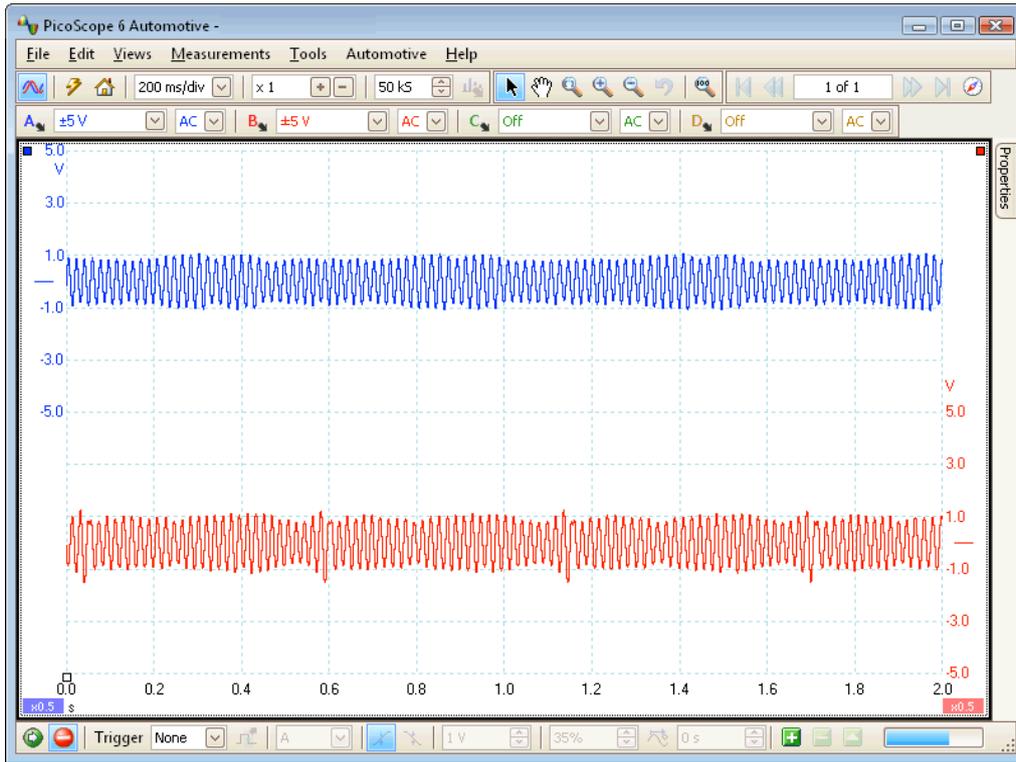
# Oscilloscope Waveform – Image I



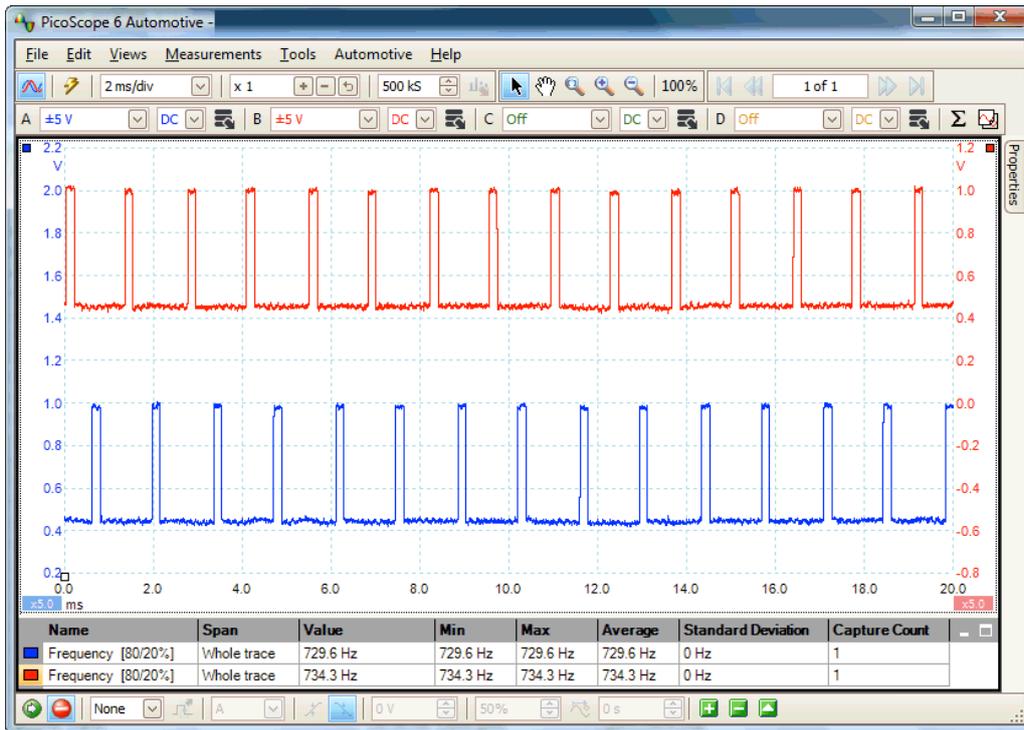
## Oscilloscope Waveform – Image J



# Oscilloscope Waveform – Image K



# Oscilloscope Waveform – Image L



## Trainer Guidance: Emission 03

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<b>Module</b>	Emission
<b>Task</b>	Emi - 03
<b>Task Title</b>	Emission Test Sample
<b>Resource</b>	<p>Illustration of five different sets of emission related data which relate to different engine faults.</p> <p>Each set of data should be labelled with a letter A-E prior to presenting them to the technician.</p> <p>The data sets represent the following faults:</p> <ul style="list-style-type: none"><li>Fuel misfire</li><li>Ignition misfire</li><li>Exhaust leak</li><li>Inlet manifold leak</li><li>No emission fault(s)</li></ul>

## Emission test results

	Analyser result(s)
CO	0.1 %
HC	75 ppm
CO2	14.5 %
O2	0.5 %
Lambda	1.003

## Emission test results

	Analyser result(s)
CO	0.5 %
HC	70 ppm
CO2	10.2 %
O2	5.6 %
Lambda	1.3

## Emission test results

	Analyser result(s)
CO	0.76 %
HC	1258 ppm
CO2	9.32 %
O2	2.6 %
Lambda	0.89

## Emission test results

	Analyser result(s)
CO	0.89 %
HC	11 ppm
CO2	15.17 %
O2	4.45 %
Lambda	1.24

## Emission test results

	Analyser result(s)
CO	0.34 %
HC	16 ppm
CO2	12.1 %
O2	11.56 %
Lambda	1.13