

# Make the most of the resources .....

you have already during these challenging economic times!

AECS Ltd is a key training provider in NZ and Australia for advanced automotive technicians.

To train automotive technicians is a very satisfying job. Meeting technicians operating at the top level of the industry in NZ and Australia is special to me and being able to provide this advanced group of technicians with useful information and additional skills, despite their already gained high ability is always a rewarding challenge.

At AECS we need to be very cautious with our research and diagnostic method development, including our equipment recommendations. We always strive to get the quickest and most efficient fault finding and repair method for our NZ conditions.

We often find that this information is really appreciated by highly skilled technicians.

### Transient technicians

We are also often aware of when quality people move from one shop to another. *Please, decision makers;* be aware that

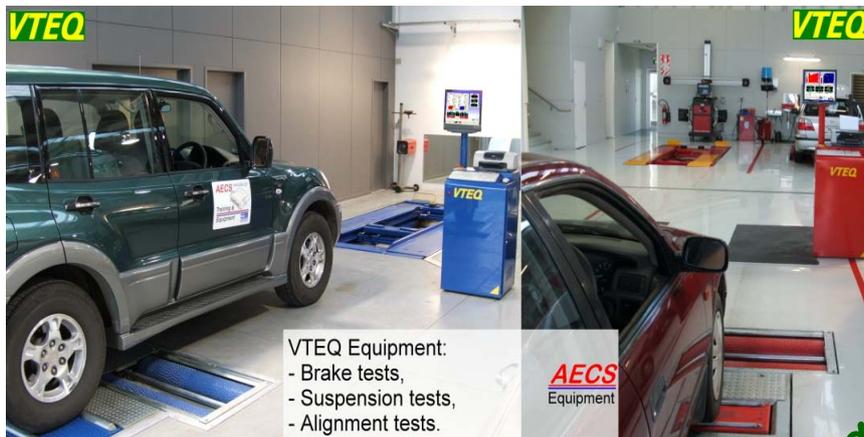
often the reason behind moving on is that in previous employment there was no room for personal development!

Key people always look for a method to better themselves and to hone their skills. This is what made them the better people of the industry in the first place!

For those people being a technician is not just a job, a large part is passion. These people are needed by your customers, as they generate the results your customers are looking for. There is no marketing or advertising that can beat quality work from a craftsman.



*AECS' custom build training, research and development centre*



VTEQ Equipment:  
- Brake tests,  
- Suspension tests,  
- Alignment tests.

AECS  
Equipment

MOTORBIKES, CARS, TRUCKS

The best tool to have in any workshop or testing station!  
Reliable, efficient, durable, quick, WoF/CoF approved.

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*Automotive diagnosticians (YES inc. members) training with AECS.*

**Motivational**

At AECS we try to cater for that automotive passion in technicians as we are very passionate ourselves. We recognise that passion and high ability are good skills and can make a business profitable no matter what the economic climate is. Nurture that passion in yourself or in your staff by attending our seminars!

Give that passion room to grow by learning new diagnostic methods and by learning how the automotive electronic systems work together. Take on the diagnostic jobs, don't just pass it on! Make the most of the resources and the work you already have.

Transport remains the key to any economy, so transport and repairs will always be present in

abundance. Look up and smile, the repair work will come in, no matter what the doom and gloom merchants say about the economy. You only need to successfully and efficiently remedy whatever fault gets presented to you.

Electronics is easy, it is engineering like mechanical engineering, it's just a different field. If you are good with the mechanical side of your job, I can make you just as comfortable with the electronic side. Don't pass the work on!

**The only way to go**

There are more than 2000 technicians in NZ alone who have been on one or more of the AECS training seminars, almost all of them can vouch for the effectiveness of our many courses. Many of those technicians have progressed to yet a higher level of service by using the AECS equipment and its technical support.



*All this for the no-nonsense price of \$4,950.- plus GST.*

**AECS** is importing the Launch X431 directly from the factory.

- ▶ Un-paralleled coverage for the NZ market, it is even able to do injector coding and pump learn for common rail Diesel (Toyota D4D, Nissan 2.5, Mitsi 3.2, Mazda BT50).
- ▶ All available software loaded.
- ▶ 48 Car brands.
- ▶ Technical back up from AECS Ltd.
- ▶ 12 months warranty.
- ▶ 12 months free updates. Yearly update contract after the first year \$375.-
- ▶ Connectors, printer, pouch and carry case included.

## Technical support data base

The technical support of AECS will be streamlined into a database format this year, so we can increase the level of support to the technicians out in the field with an increased number of known cases. AECS uses the (current) database itself to see in which area's our training can be improved and what topics seem to bother technicians the most.

## Different areas of expertise

AECS has highly respected seminars in many different directions, the most popular are the engine management courses for Diesel and petrol engines.

We have a very modern and practical Air-conditioning (Aircon) course and an ABS traction control course. The Aircon course is very popular as it caters for air-conditioning specialists *and* technicians who just want to know more.

The bulk of growth is in our emissions related courses, as

**AECS Equipment**  
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NZ's Best Training, Support, Service & Back up.  
The best does not have to be expensive!

**AGS-688**  
**EXHAUST GAS ANALYSER FOR PETROL ENGINES**

OIML R 99 - ISO 3930 CLASS 0  
ELECTROMAGNETIC CLASS E2

New emission tester!  
Introduction offer.

**\$6,000.-** (+gst) Normal European retail NZ\$7,063.83 +gst  
While stocks last

EMISSION TESTING NEW ZEALAND LTD  
BrainBee AUTOMOTIVE

\$ 6,000 (+gst) for portable 4 gas Petrol model. Combi model for Diesel and Petrol (incl RPM and oil temp pickup) only: \$12,480.- (+gst). 12 months warranty. ETNZ approved ([www.etnz.co.nz](http://www.etnz.co.nz)). This emissions inspection tool has a higher rating than the current LTNZ OIML class 1 import inspection emissions testers. The unit is portable and powered by 12Volt. It has an integrated printer, and is programmable to take ETNZ test protocols. The tester is ready to be connected to a laptop or PC if a larger screen is required or for when the tester gets used for diagnostics. This High Quality Tester is made in Italy.

the industry is moving in that direction very fast.

## Emission testing

AECS is part shareholder of the Emission Testing NZ cooperative ([www.etnz.co.nz](http://www.etnz.co.nz)), in which we can see how many garages are getting ready for the eminent move by the government to implement emission testing. The inspection procedures are pretty much like the rest of the world.

Emission testing brings automatically demand for repairs,

and as we all know it's not just a matter of putting a new air filter in.

A vehicle with an airflow meter will not emit more emissions as a result of a blocked air filter, be it a diesel or petrol vehicle. Systems knowledge (training) and the correct equipment makes the difference between an efficient job and a job that gets passed from workshop to workshop. Consider AECS to be behind you when you purchase equipment and training from us. We spend vast amounts of (private) money and time into the research part of our training seminars. To get returns on that investment we have to deliver practical and high quality seminars. Information which is useful from day one in your workshop. You only have to select the appropriate seminars, the ones which suits your operation best.

Please check our web site [www.aecs.net](http://www.aecs.net) under the training info button for our training structure and read in detail what our individual courses are covering.



*Emission training on location*

**AECSS Training Calendar 2009**

March	April	May	June	July	August	Sept	October	November
1	1	1	1 Queens Birthday	1 ATS Palmerston North	1	1	1	1
2	2	2	2	2 EMS1(1) Palmerston N	2	2	2	2
3	3	3 EMS 1(2) Motueka	3	3 EMS1(1) Palmerston N	3	3	3	3
4	4	4 EMS 1(2) Motueka	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5
6	6	6 Private Aircon training	6	6	6	6	6	6
7	7 EMS 1(1) Hastings	7 Private Aircon training	7	7	7	7	7	7
8	8 EMS 1(1) Hastings	8 Airco Christchurch	8	8	8	8	8	8
9	9	9 Airco Christchurch	9	9	9	9	9	9
10	10	10	10 EMS 1(2) Wellington	10	10	10	10	10
11	11 Private Aircon training	11 EMS 1(2) Invercargill	11 EMS 1(2) Wellington	11	11 DMS1(3) Rotorua	11	11	11 DMS1(1) Auckland
12	12 Private Aircon training	12 EMS 1(2) Invercargill	12 ATS Wellington	12	12 DMS1(3) Rotorua	12	12	12 DMS1(1) Auckland
13	13 Private Aircon training	13	13 ATS Wellington	13	13	13	13	13 ATS Auckland
14	14	14 EMS 1(2) Christchurch	14	14	14	14	14	14
15	15	15 EMS 1(2) Christchurch	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20
21	21	21	21	21 EMS 1(1) Wangarei	21	21	21	21
22	22	22	22	22 EMS 1(1) Wangarei	22	22	22	22
23	23	23	23	23 EMS 1(2) Auckland	23	23	23	23
24	24	24	24	24 EMS 1(2) Auckland	24	24	24	24
25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27
28	28	28	28	28 AED Auckland	28	28	28	28
29	29	29	29	29 AED Auckland	29	29	29	29
30	30	30	30 ATS Palmerston North	30	30	30	30	30
31	31	31	31	31 DMS 1(3) Auckland	31	31	31	31

**KEY**

-  Sundays
-  Public Holidays
- AED = Automotive Electronic Diagnostic seminar
- SCAN1 = Scan Tool diagnostics

- ABS = ABS/ Traccon Control Systems seminar
- EMS1(1) = Engine management Systems 1 (module 1) seminar
- EMS1(2) = Engine management Systems 1 (module 2) seminar
- ATS= Comprehensive Scope training

- DMS1 (1) = Diesel Management Systems 1 Module 1 seminar
- DMS1 (2) = Diesel Management Systems 1 Module 2 seminar
- DMS1 (3) = Diesel Management Systems 1 Module 3 seminar
- Aircon = Air-conditioning training