

# NSW BRANCH ACTIVITIES



## The Leading Hand

### THE WORKSHOP MANAGEMENT SOFTWARE

It is well recognized in this age of technology that a good Workshop Management tool is as essential as a good Tool Box and quality Diagnostic Tools, how else do you perform to the best of your ability, as well as be competitive in the automotive repair industry today?

As most members would know, the IAME supports and recommends The Leading Hand as "The Workshop Management Software Program". The Leading Hand is very much a user friendly software package designed to be used by all Automotive Technicians, not requiring any advanced computer skills, and now, this software program has been improved and upgraded to Version 4, with many new features. This program will now work with Windows 2000, XP, Vista and Windows 7, so that is as updated as you can get today.

If you are a Business Owner/Manager, or you are thinking of starting your own business, can you afford to be without a Comprehensive and Easy to Use Workshop Management Program? Is the time spent on Workshop Paperwork slowing down your Business and Profitability? Is tracking down previous Customer Job History and Warranty Claims a nightmare in looking through Invoice Books and Job Cards? **Can you really afford to miss this night?**

Come along, watch and listen to Tim Shea, the Program Designer, as he demonstrates this latest Version, and get your questions answered first hand.

**Date:** Monday 28th June 2010 @ 6.30 pm  
**Location:** IAME Head Office, 11-13 Byrne Street, Auburn  
**Bookings:** Michelle (02) 9648 1412

### WHAT'S ON

- Moodle  
**Auburn - 24/05/10**
- Modern Automotive Wheel Alignment  
**TBA - 25/05/10**
- Launch Z-431 Series Scanners  
**Auburn - 19/05/10**  
**Campbelltown - 26/05/10**  
**Gymea - 16/06/10**  
**Blacktown - 28/07/10**
- Torque Converter Technology  
**Auburn - 24/05/10**
- Torque Converter Technology  
**Griffith - 28/06/10**
- The Leading Hand - The Workshop Management Software  
**Auburn - 28/06/10**
- Hyundai ix35 Speed Transmission  
**Bankstown - 30/06/10**
- Natrad  
**Orange - 07/06/10**  
**Moorebank - 21/06/10**  
**Oak Flats - 23/06/10**  
**Granville - 26/07/10**  
**Raymond Terrace - 28/07/10**  
**Phillip - 14/09/10**

## MODERN AUTOMOTIVE WHEEL ALIGNMENT

What do you know about Wheel Alignment Technology and Fault Diagnosis? Can you advise your customers confidently on their vehicle problems? Are you fully up to date on what to do and how to do it? What about vehicles fitted with Electronic Stability Programs (ESP)?

This night is not just for those technicians actively involved in conducting Wheel Alignments, this night is for ALL technicians, how else can you recommend to your customers any action that is needed on their vehicle.

If you want to know more, then this is the night for you, as Doug Rodway has agreed to conduct an informative presentation on this night, with the possibility of another Industry Trainer attending as well, to talk about, and demonstrate these important alignment functions. During this evening Doug will be speaking on Active Suspension, Side Slip meters, Steering Wheel Angle Sensor adjustments, and Four (4) Wheel Alignments, using the 3D Hofmann equipment.

This is a night not to miss if you wish to advance your knowledge of the latest technologies, so book in early.

**Date:** Tuesday 25th May 2010  
**Time:** 6.30 pm  
**Location:** To be advised when Booking  
**Bookings:** Lindsay Vidler (02) 6925 2588  
Stewart Crocker (02) 6925 2703  
Doug Rodway (02) 6921 6812



# NSW BRANCH ACTIVITIES

## LAUNCH X-431 SERVICES SCANNERS

Launch Tech Pty Ltd is presenting an evening in which we will explore the perfect marriage of automotive electronic technology and information networking, as well as presenting the new X-431 Master Scanner, which is a 12-24 Volt DC unit with automatic switch over built in.

Also presenting the new Generation DIAGUN Scanner, a revolutionary tool with dual 12 and 24 Volt system built in, plus Blue Tooth Technology and Dual Car scanning ability, together with some of their smaller range of Diagnostic Tools during this presentation.

A modern scan tool is more than a trouble code reader, or a tool to look at a data stream. It is also now required to have a Diagnostic tool to re-program various sensors on vehicles fitted with ESP, particularly important if you are conducting wheel alignments.

A good scan tool will help you find the answers to simple problems, and will also give you the data you need to find the more complex problems. This will give you a better understanding of what is going on with the vehicle, looking at the Engine, Transmission, ABS, SRS, Body Modules and much more, it will: simulate and test sensors, look at wave forms, read live data, re-program sensors and print vehicle test data.

A scan tool with enhanced diagnostics can save you a lot of time, money and worry, following you to do most of your troubleshooting efficiently and without dismantling the vehicle.



A good scan tool in the hands of an experienced operator can give a clear indication of the nature or repairs required, allowing for more accurate repair estimates, and not having to rely on sub-contractors to diagnose for you, which costs both in time and money.

### AUBURN

**Date:** Wednesday 19th May 2010 @ 6.30 pm  
**Location:** IAME Head Office, 11-13 Byrne Street, Auburn

### CAMPBELLTOWN

**Date:** Wednesday 26th May 2010 @ 6.30 pm  
**Location:** Campbelltown Tafe College  
Narellan Road, Campbelltown

### GYMEA

**Date:** Wednesday 16th June 2010 @ 6.30 pm  
**Location:** Gymea Tafe College, Hotham Road, Gymea

### BLACKTOWN

**Date:** Wednesday 28th July 2010 @ 6.30 pm  
**Location:** Blacktown Tafe College  
Jane Street, Blacktown

Bookings: Michelle (02) 9648 1412

## Hyundai ix35 Six Speed Transmission

The ix35 was recently released into Australia in February 2010, and the IAME was fortunate to have an excellent presentation by Hyundai on this new vehicle.

Now the IAME has been invited to attend another presentation on this new vehicle, in this case, it is on the new Six (6) Speed Automatic Transmission.

This night is being presented by Nevilles Automatic Transmissions at Bankstown, this company is the Warranty and Rebuilder for both Hyundai and Kia, therefore the information is coming from the experts, first hand.

Members will be shown through this modern workshop facility, and have up to date information on the repair and testing of this new Automatic Transmission, together with some other brand transmissions. If you would like to see how it is all done, this is the night for you, so book early as this night will be restricted in numbers, due to space available in the workshop.

**Date:** Wednesday 30th June 2010  
**Time:** 6.30 pm  
**Location:** Nevilles Automatic Transmissions  
143 Canterbury Road, Bankstown  
**Bookings:** Shelley 02 9648 1412

Note: IAME Members ONLY



# NSW BRANCH ACTIVITIES



Following the success of recent events held at the Newcastle, Canberra, Griffith, Engadine and Bathurst branches, the team at Natrad will again be hosting informative trade nights across NSW. These nights are primarily aimed to help automotive technicians understand the vital role that radiators play within an engine system, but from a specialist perspective.

NATRAD is the largest retail chain of radiator and automotive air conditioning specialists who also have a massive trade following.

## Nip into Natrad



They are backed and owned by Australia's largest manufacturer of radiators, intercoolers and related cooling system components who are also OE suppliers to Kenworth and Ford, among others.

NATRAD will explore how better servicing techniques can improve the life of a cooling system, and how to avoid costly warranty work, by using quality components and coolants.

The main failures commonly seen in cooling systems, along with the required techniques to correct and prevent these conditions, will be clearly demonstrated to members. Upgrades to handle heavy towing requirements, plus the latest in aluminium performance radiators, along with recommended maintenance and replacement techniques dealing with late model cooling systems, will also be covered during the night. It is certainly not a matter of "fill and forget"!

The following trade nights will all commence at **6.00pm** for the sausage sizzle and drinks, compliments of the **Capricorn Society**, and the technical component will then begin at around **6.30pm**. All members are most welcome to stay on afterwards, for an informal chat, questions and drinks. It is important for you to book into these nights, as we need numbers for catering purposes.



**"Nip into Natrad" on one of these nights, to get the "inside information" from a specialist in the field!**

## ORANGE

**Date:** Monday 7th June 2010  
**Location:** Natrad Orange, 27 Peisley Street, Orange  
**Bookings:** Stephen Evans 04  
Darren Barrett 02 6362 1704

## MOOREBANK

**Date:** Monday 21st June 2010  
**Location:** Natrad Moorebank  
12 Seton Road, Moorebank  
**Bookings:** Michelle 02 9648 1412  
Mark O'Sullivan 02 9600 8238

## OAK FLATS

**Date:** Wednesday 23rd June 2010  
**Location:** Natrad Oak Flats  
126 Industrial Road, Oak Flats  
**Bookings:** Noel Wynn 0408 425030  
Wayne Amos 0428 100018  
Brett Stewartson 02 4256 2940

## GRANVILLE

**Date:** Monday 26th July 2010  
**Location:** Natrad Granville  
137-139 Parramatta Road, Granville  
**Bookings:** Michelle 02 9648 1412  
Paul Stirton 02 9637 6114

## RAYMOND TERRACE

**Date:** Wednesday 28th July 2010  
**Location:** Natrad Raymond Terrace  
9 Port Stevens Street, Raymond Terrace  
**Bookings:** Stephen Cave 02 4961 5998  
Gerry Wubbels 02 4942 2755  
Darren Cooper 02 4987 4113

## PHILLIP

**Date:** Tuesday 14th September 2010  
**Location:** Natrad Phillip, 24 Grenville Court, Phillip  
**Bookings:** Peter Hayes (02) 6254 9448  
Burl Doble (02) 6282 3926



What is Moodle, and how is it used? If you attended our first introductory presentation you would know, but if not, then it stands for Modular Object-Oriented Dynamic Learning Environment.

This is a free and open source e-learning software platform, also known as a Course Management System, Learning Management System, or Virtual Learning Environment, whichever you choose.

Moodle is designed to help educators create online courses with opportunities for rich interaction, and its open source licence and modular design mean that people can develop additional functionality to suit their own needs. Development is undertaken by a globally diffused network of commercial and non-commercial users, streamlined by the Moodle Company based in Perth, Western Australia.

This evening is again being presented by Julian Ridden, he is the Moodle representative for the eastern states, and if you did attend before, you will know that Julian is a knowledgeable and enthusiastic presenter, and easily puts the message across to our industry trainers.

So if you are an Automotive Trainer, and you want to know more, or you attended the last presentation, and want to find out about the new version 2, then this will be a very interesting and informative evening to attend, as Moodle's modular construction can readily be extended creating plugins for specific functions to be used by the trainer.

**Date: Monday 24th May 2010**

**Time: 6.30 pm**

**Location: IAME Head Office  
11-13 Byrne Street, Auburn**

**Bookings: Shelley (02) 9648 1412**

At this stage this night is limited to members of the Educator's Division only.

## TORQUE CONVERTER TECHNOLOGY

Riverina Automatic Transmissions are pleased to present an evening for IAME members and guests on discussing the diagnosis and repair of Torque Converters, a much misunderstood component of the Automatic Transmission.



Torque Converters are that part of an Automatic Transmission that connects the engine flywheel to the automatic gearbox, and is filled with oil or transmission fluid. The Torque Converter contains three parts, they are:

- An impeller, which is driven by the engine itself,
- A turbine, which is connected to the automatic gearbox,
- A stator (or reactor) which looks like a gear, but has vanes instead of teeth.

Modern Automatic Transmissions can also contain a damper clutch.

Some of the topics that will be discussed on this evening will be:

- What effect oil has on torque converter performance,
- The effect of poor installation,
- Converter fault diagnosis,
- The effect of low fluid levels,
- An overview of the repair process,
- Safe handling of converters.

This is a night not to be missed, come along and get the good oil on Torque Converters.

**When: Monday 28th June 2010**

**Time: 6.30pm**

**Venue: Griffith TAFE College  
Neville Place, Griffith**

**Bookings: Frank Nardi 02 6962 0431**