REMINDER: Compliance Testing For AC Service Equipment

As most people in the industry are aware, refrigerant recovery from air conditioning systems has become very important in the day to day workshop environment.

It is imperative and also law that a technician be correctly equipped to deal with refrigerant recovery. The company needs to be compliant and certified to be able to complete such recovery tasks.

Australian company Javac says that many technicians and workshops may have forgotten that all technicians should have an electronic leak detector, recovery unit and vacuum pump? And don't forget that they must be regularly tested and serviced to ensure they are in good working order.

These tools of the trade have been declared mandatory by the regulatory organisation (ARC) within Australia who can and will demand records showing that you regularly maintain these tools.

To assist with maintaining these stringent laws, JAVAC has announced their strategy to assist refrigerant users to remain compliant according to these legislations.

Many people within the industry are aware of JAVAC as a manufacturer, but did you know that they have a fully equipped service centre to deal with most brands of refrigeration service tools?

Now you can send your leak detector, vacuum gauges, vacuum pump, recovery machine and charging scales in for test or service to the one service centre and rest assured that you will be given quality service and quick turn around; from a basic compliance test to a full overhaul.

For more info contact JAVAC on 1300 786 771.

WA AutoElec Award Winners

Auto electricians are in big demand in WA and it's always great to see the best students recognised.

The Polytechnic West Automotive Electrical Excellence Awards night was held recently at their own Bentley Pines restaurant which is a working restaurant/ training facility staffed by hospitality students under direct supervision of lecturing staff.

The Pines was filled to capacity with Industry representatives and nominated students waiting to find out who was going to take out the various awards and receive the relevant prizes.

The major prize for the leading stage 3 student includes a trip to Melbourne and a tour through Hella Australia's state of the art manufacturing facility.

Like a proud father Keith Murray Head of Programs Automotive of Carlisle Campus commented, "It's great to see the partnership of industry and training working so well together. These apprentices have shown the aptitude and the work ethic required to excel in this growing trade area and it's fantastic to see Industry getting behind training and encouraging excellence."

AND THE WINNERS ARE:-

Leading Stage 3 Apprentice Winner Sponsored by Hella Australia

Rory Davin – Toyota Material Handling

Stage 3 Runner Ups -
Mathew Kees, Kirk Davies, Lee Pisano

Leading Stage 2 Apprentice Winner Sponsored by Hella Australia

Sergio Carvalho – Claremont Auto Electrics

Stage 2 Runner Up -
David Markotis

Stage 1 Apprentice Winner Sponsored by Hella Australia

Carl Antonio – MEGT (Australia) Ltd

Stage 1 Runner Up -
Brynn Justins

Leading Pre-Apprentice Winner Sponsored by Autospark

Allen Levitt - Autospark

Encouragement Award Sponsored by HWE

David Markotis – Manjimup Tyre Mart and Auto Electrical

Not All Batteries Created Equal Says Bosch

The power requirement of a vehicle electrical system in the 1970's was 600w. By 2000 this figure more than tripled. Now, there is a power requirement of up to 8kW in the starting phase alone.

Where we once had the single body control module (BCM) commonly performing several vehicular functions, such as the central locking, power window and anti-theft systems, we now have electronic brake force distribution, parking distance control, multiple air bag circuits, adaptive cruise control, lane change assist; the list goes on. All of these functions are live

under normal driving conditions, and they are drawing considerable battery current to remain active.

Couple these safety functions with complex navigation and entertainment systems, electric seats and the many other added luxuries which are growing in presence, and you are left with a considerable amount of total current draw.

Such technologies will only grow in presence in the coming years, and they will rapidly filter down into cheaper vehicle segments until every consumer expects them for a basement price. They also boost safety statistics, make it easier for salespeople to sell cars, and generally impress consumers. In other words, they are here to stay.

As the pioneer and manufacturer of many of these systems, Bosch is arguably the most qualified to produce the batteries which keep them operating at full capacity. Whilst many battery manufacturers produce batteries that they claim support all these systems, none can equal Bosch's knowledge of all things automotive electrical.