



Automotive Electrical / Electronics

Course Code	Days	Content	Dates	Cost
EDS Electronic Diesel Systems	1	<p>An overview of electronically controlled diesel systems that are found on the latest Japanese and European vehicles. Systems studied include: Inline, Rotary, Unit and Common Rail.</p> <p>This course covers Diesel operating principles, from the basic combustion process, hydraulic principles right through to the advanced electronic controls. Included are details of the specific input sensors, actuator controls and their testing procedures.</p>	30/5 - Perth 7/6 - Adelaide 4/7 - Sydney 28/8 - Cairns 31/8 - Townsville 5/9 - Brisbane 11/10 - Melbourne	\$190.00 incl. GST
EGA Exhaust Gas Analysis	1	<p>An engine's mixture preparation, composition and combustion efficiency depends on a multitude of conditions, influences and functions that are all reflected in an engine's exhaust gas emissions.</p> <p>This course provides an in-depth look at the combustion process, it's by-products, emission control systems and government standards. Emphasis will be placed on effective use of gas analysers, lambda meters, ESA software and the correct interpretation of gas readings and their value in vehicle diagnostics.</p>	8/11 - Melbourne	\$190.00 incl. GST
VDC Vehicle Dynamics Control	1	<p>This course, as well as covering previous generations of ABS, traction and stability control systems, now also includes additional information on the operation of the new BOSCH system '8'. This BOSCH system '8' is the basis of the new stability control programs (VDC/ESP/DSC) as previously only found on "high end" imported vehicles and now increasingly fitted as standard to locally produced vehicles.</p> <p>Practical content includes on vehicle fault diagnosis and test procedures. This course also includes active wheel speed sensors and a brief look at Active steering and Electro Hydraulic Braking (EHB).</p>		\$190.00 incl. GST
LD Lambda Diagnosis	1	<p>An engine's mixture preparation and combustion efficiency depends on a multitude of conditions, influences and functions. The Lambda sensor is arguably the single most important sensor today, effecting both drivability and fuel consumption.</p> <p>This comprehensive course includes the new LSU 5-wire "broadband" sensors, which are an essential part in enabling vehicles to meet the latest emission standards.</p>	16/8 - NZ (Auckland)	\$190.00 incl. GST
OBD On-Board Diagnostics	1	<p>On board diagnostics are an integral part of all modern vehicles, both petrol and diesel. This course will deliver an understanding of communication networks used in vehicle multiplexing and diagnostics such as CAN, ISO and SAE, both operation and testing. We provide a detailed study of OBD/OBDII, maximising the effective use of scan tools (KTS and others) for improved fault diagnosis. Emphasis will also be placed on the efficient sourcing of information (ESI) and its value as a workshop tool.</p>	12/4 - Melbourne 29/5 - Perth 8/6 - Adelaide 3/7 - Sydney 8/8 - NZ (Palm Nth) 17/8 - NZ (Auckland) 30/8 - Townsville 6/9 - Brisbane 24/10 - Sydney	\$190.00 incl. GST
HF-V6 VZ Holden Commodore High Feature V6	1	<p>This course will provide an overview of the VZ commodore and Alloytec HF-V6 components, looking at the overall vehicle features and systems.</p> <p>We take a detailed look at the BOSCH ME 9.6 torque based, 'drive by wire' engine management system as used in the VZ Commodore and also in many European vehicles. Included are details of the specific input sensors, actuator controls and their testing procedures.</p>	10/10 - Melbourne 23/10 - Sydney	\$190.00 incl. GST

All courses include a Training Manual, lunch, morning/afternoon tea and a Certificate of Participation.



Course and Enrolment Details

Course Enrolment Process:

Please complete and fax/post the Enrolment and Payment form to Bosch Australia.

Your enrolment will not guarantee course acceptance until our written confirmation has been issued to you.

Please discuss your course enrolment requirements with our Training Administration Staff.

Course Enrolment Cancellations:

Our training courses are very popular and have limited vacancies. As a courtesy to others we ask you to notify our staff at your earliest convenience, if you are unable to attend an enrolled training course. We reserve the right to charge a cancellation fee as follows:

Cancellation before 4 weeks of course starting date:
No charge & full refund.

Cancellation between 4 – 2 weeks of course starting date:
50% of the course fee will apply.

Cancellation between 2 – 1 week of course starting date:
75% of the course fee will apply.

Cancellations received less than 5 working days prior to the course starting date will be charged at full course fee.

Meals

Morning tea, lunch and afternoon tea will be provided to all participants.

Course Materials:

All course workbooks, manuals, training aids and handouts provided during the course are for you to keep.

Course Times:

Unless otherwise specified, all training courses start at 8:30am and generally conclude by 5:00pm.

Accommodation and Travel:

Accommodation and travel is the responsibility of all participants and Bosch does not cover such expenses. Please make your own travel and accommodation bookings.

Certificates:

All participants will receive a certificate indicating course participation and/or successful completion of the attended training course.

Venues:

Adelaide

Douglas Mawson Tafe
Goodall Ave
Croydon Park SA 5008

Melbourne

Robert Bosch Pty Ltd
Cnr Centre and McNaughton Rds
Clayton Vic 3169

Perth

To be advised at time of booking

Brisbane

To be advised at time of booking

Sydney

To be advised at time of booking

Auckland

Manukau Tech
Newbury St
Otara

Palmerston North

To be advised at time of booking

Cairns

To be advised at time of booking

Townsville

To be advised at time of booking

Footwear:

OH & S regulations stipulate that only closed toe, hard soled shoes be worn on site. (No runners, thongs or sandals permitted).

Mobile Phones & Cameras:

Bosch Australia's manufacturing site is a restricted area and it is prohibited to take photographs and/or recordings of any kind.

Assistance and General Enquires:

Our training enrolment staff can be contacted weekdays between 9:00am to 2:00pm on (03) 9541 5553.



Course Enrolment and Payment Form

**BOSCH**

Invented for life

STEP 1
STEP 2**Complete** the form.**Fax** the completed enrolment form to: **+61 (03) 9543 4293 [DO NOT EMAIL THIS FORM]****Bosch Australia does not accept or use credit card details transmitted via email.****or Post** the completed enrolment form with cheque/CC payment to:**Robert Bosch (Aust) Pty Ltd. Attn: Laura Oswald, Locked Bag 66, Clayton Sth, Vic. 3169.**

BUSINESS DETAILS

Business Name: Business Address:

Payment Method (please tick):

Cheque Payment: **Credit Card Payment:**

ENROLMENT DETAILS

Participant's Name	Course Code	Course Date(s)	Venue(Town/State)

CHEQUE PAYMENTS

Bank Name: Cheque No.: Amount: \$

BUSINESS and/or CARDHOLDER DETAILS - [Cardholder to complete]

Cardholder's Name: (please print - as shown on card)Address of Cardholder: City/Town: Postcode: Country: Cardholder's Daytime Phone Numbers (not a mobile): 1) 2)

BILLING INFORMATION and AUTHORISATION - [Cardholder to complete]

I, the undersigned, certify that I am the cardholder and herewith authorise Bosch Australia to debit my credit card for the amount shown.

Total Payment Amount: \$
(Australian Dollars)**Cardholder Signature:** Visa MasterCard**We do not accept Bankcard, Diners Club or American Express.**Card Number: Card Number: /

BOSCH PRIVACY STATEMENT - reducing the risk of credit card fraud.

Bosch Australia collects, uses and destroys the credit card information supplied by you in accordance with our Privacy Policy. We destroy all credit card details after the transaction has been completed. We store cardholder's information in a secure place that allows access strictly to authorised personnel only.