

Driven by
**A THIRST FOR
KNOWLEDGE**



BOSCH
Invented for life

2022 Bosch Automotive Technical Training Program

Master new technologies and systems
by learning from global industry experts



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Welcome to the 2022 Bosch Automotive Technical Training Program.

The ever-evolving technological landscape of our industry requires us all to keep abreast of the latest system innovations, diagnostic procedures and test equipment.

An investment in training is what makes the difference between a tradesman and a technician, and adds a competitive edge to any workshop focussed on customer satisfaction, productivity and profitability.

Bosch Technical Training is available to all automotive workshops, so please join the growing number of technicians who have benefitted from the training delivered by our highly skilled and experienced training team. With the knowledge and support of one of the world's leading automotive innovators and manufacturers, Bosch Technical Training will provide you with the competitive edge.

Regards,
Bosch Technical Training Team



Darren Todd



Scott Thomas



Scott Daly









Laura Oswald

Bosch Automotive Technical Training Courses

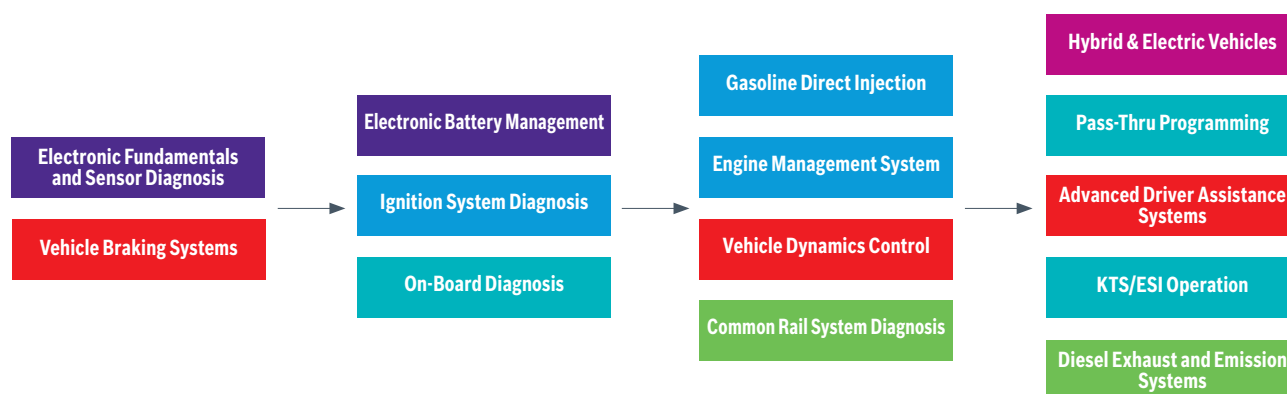
Bosch continues to offer a comprehensive Technical Training Program in 2022. The constantly revised course content ensures that technicians receive the most up to date information. Upon completion of each course the participant will receive a certificate of participation.

Additionally, the Bosch Car Service network will continue to receive a Bosch network discount.

To learn more about the Bosch Car Service network, please refer to page 31.

Category	Course Title	Part of Bosch Vehicle Diagnostics Program	Duration	Refer Page
 Electrical and Electronics	Electronic Fundamentals and Sensor Diagnosis	✓	2 days	5
	Electronic Battery Management	✓	1 day	6
 Alternative Drives	Hybrid & Electric Vehicle Systems	✓	1 day	7
 Gasoline	Engine Management System	✓	3 days	8
	Gasoline Direct Injection	✓	1 day	9
	Ignition System Diagnosis	✓	1 day	10
 Chassis and Braking	Vehicle Braking Systems	✓	1 day	11
	Vehicle Dynamics Control	✓	1 day	12
	Advanced Driver Assistance Systems		1 day	13
 Diesel	Diesel Exhaust and Emission Systems		1 day	14
	Common Rail System Diagnosis	✓	2 days	15
 Diagnostics and Test Equipment	On-Board Diagnosis	✓	1 day	16
	Pass-Thru Programming		1 morning	17
	KTS/ESI Operation		1 day	18

Constructed in a modular format, the entire program is best completed in the sequence below. This however is only a guide and not a prerequisite.

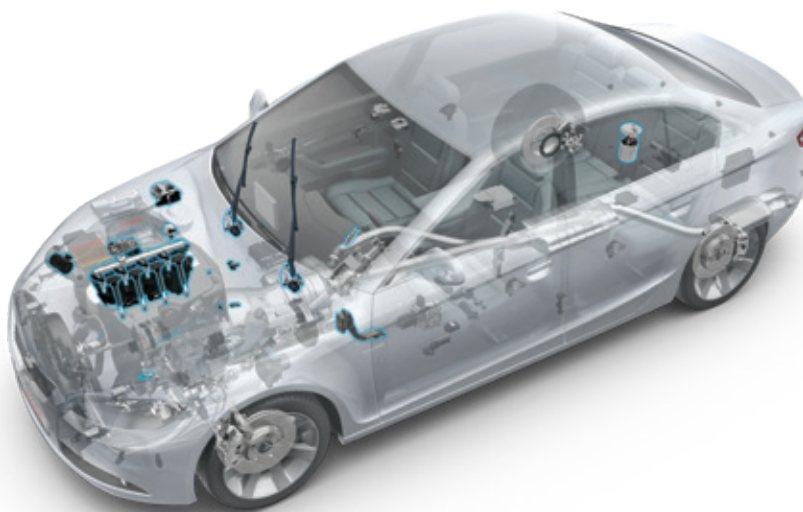


Vehicle Diagnostics Certification

With ever-increasing vehicle technology comes the challenge of successful and accurate diagnosis.

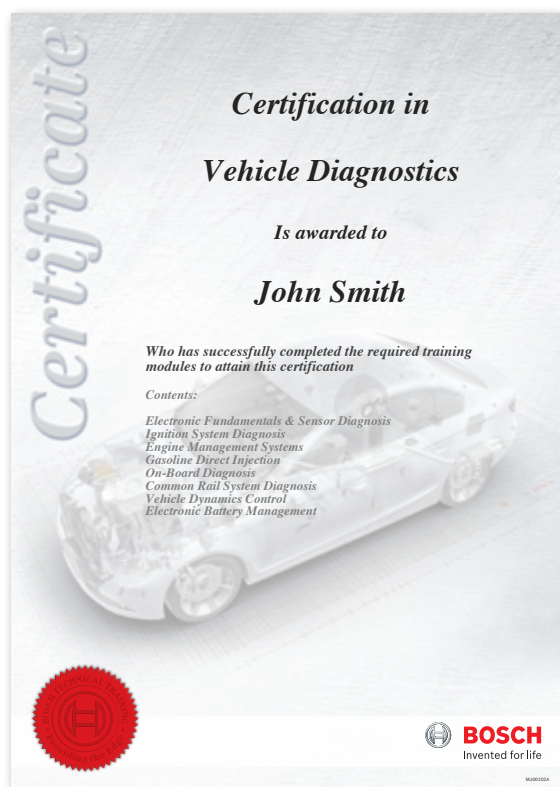
To further enhance the value of your investment in training and to recognise the skills and ability of technicians within your organisation, Bosch has introduced the Vehicle Diagnostics Certification program.

Comprising 10 training courses covering 5 topic areas the program is designed to build fundamental knowledge of systems and technologies from past, present and future whilst underpinning the diagnosis and repair expertise required to be Bosch certified in vehicle diagnostics.



The program consists of 14 days training in total; all courses are available in 2022. Due to technical reasons and high practical content, some courses are delivered in Melbourne only.

Technicians will be given recognition of training completed within previous 3 years. All modules need to be completed within a 4 year period from initial program enrolment date.



To enrol into the Vehicle Diagnostics Certification program or for further details please contact our training department on **+61 (3) 9541 5553** or e-mail **automotive.training@au.bosch.com**

Note: Bosch Car Service technicians will be presented with a different variation of the certificate shown

Electronic Fundamentals & Sensor Diagnosis

Vehicle electronic systems continue to grow in complexity by the day. The ability for technicians to efficiently diagnose sensors and electrical faults in the modern vehicle is greatly enhanced by a thorough understanding of electrical and electronic fundamentals. The number of components used today is continuously increasing, with dozens of sensors integrated into the various vehicle control systems. You will understand, test and diagnose components applied to modern vehicle systems.

Objectives of this training course:

- ▶ Accurately, efficiently and confidently test and diagnose the various sensors discussed
- ▶ Identify common electronic components and use them in practical circuits
- ▶ Carry out test procedures using voltage, resistance and current measurement
- ▶ Efficient use of available test equipment for diagnosis, from test lights to oscilloscopes
- ▶ Practical tests and hints for locating sensor and harness faults
- ▶ Use the knowledge gained on the functioning of electronic devices to confirm components requiring replacement or repair where appropriate

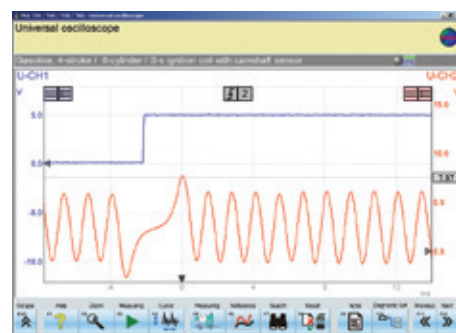
Course topics include:

- ▶ Electronic component operation including transistors, diodes, capacitors and resistors/potentiometers
- ▶ Fundamental electrical principles including voltage, current, capacitance & inductance
- ▶ Measurement techniques and the use of appropriate test equipment for fast and accurate results
- ▶ Practical on vehicle testing of circuits combined with in-classroom exercises
- ▶ Sensor operating principles and variants
- ▶ Effective and logical diagnosis of the key input devices in common use

Course Duration – **2 full days**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$671.00 (excl. GST) AUD/NZD**



Electronic Battery Management

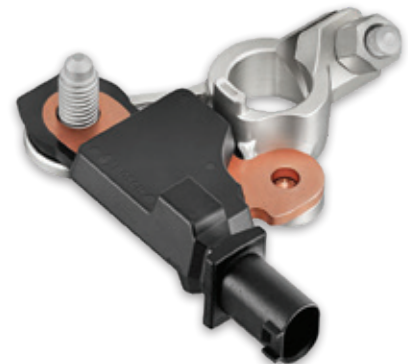
The charging systems in many vehicles on our roads are now no longer a stand-alone electrical system. As seen in nearly all modern vehicles, we have moved towards electronically managing the charging system in order to meet the emissions requirements, high current demands and changing battery designs associated with Start/Stop and other advanced functions. This knowledge is required in order to competently diagnose and perform electrical work.

Objectives of this training course:

- ▶ Carry out diagnostic test procedures to identify faults in conventional and smart charge systems
- ▶ Understand the correct way to fit accessories and the issues that can be created
- ▶ Complete tests on typical Start/Stop systems that are used to locate faults in the system components and wiring
- ▶ Complete a system test of typical battery management systems and be able to complete a system battery adaption process using a diagnostic tester

Course topics include:

- ▶ Vehicle electrical and charging system fundamentals
- ▶ Alternator and regulator types and evolution
- ▶ Power management strategies and battery sensing systems
- ▶ Alternator interfaces and control signals (DFM etc)
- ▶ Modern battery design, replacement (e.g. ECU coding, battery type) and modifications
- ▶ Practical on-vehicle testing and diagnosis procedures



Course Duration – **1 full day.**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Auckland and Christchurch**

Price – **\$445.00 (excl. GST) AUD/NZD**



Hybrid & Electric Vehicle Systems

The increasing number of hybrid and electric vehicles on our roads requires all workshops to have some understanding of the key components and vehicle architecture. As with any high voltage system, safe servicing procedures are also essential.

Objectives of this training course:

- ▶ Identify high voltage components and the dangers to staff they present
- ▶ Make a hybrid or electric vehicle safe to work on so that routine service procedures can be safely completed
- ▶ Understand and identify the different types of hybrid system and drives available
- ▶ Understand and identify the difference in battery technology
- ▶ Identify the correct test equipment to use for a particular situation including high voltage testing

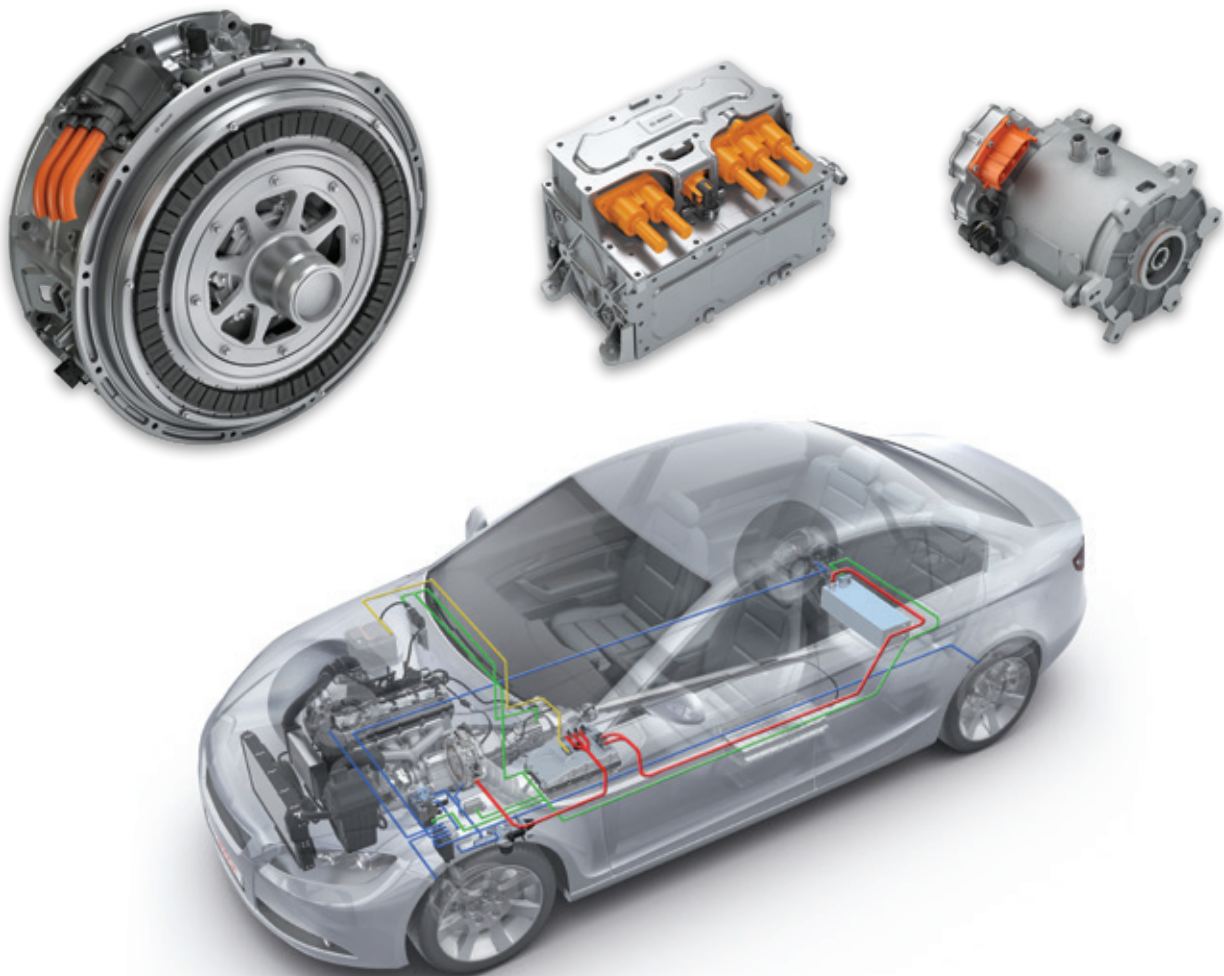
Course topics include:

- ▶ Design principles and components
- ▶ Hybrid and electric vehicle structures
- ▶ Battery technology, drivelines and e-machines
- ▶ Vehicle and personal safety precautions

Course Duration – **1 full day**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$445.00 (excl. GST) AUD/NZD**



Engine Management Systems

Engine management systems have evolved dramatically over the last decade and now form a vital part of vehicle architecture. As well as managing critical emission control and vehicle performance functions, current engine management systems also provide an extensive amount of diagnostic and communication data.

Objectives of this training course:

- ▶ Knowledge to tackle all system variations, from earliest to latest
- ▶ Understanding EMS sub systems (ignition, charge control, emissions etc.)
- ▶ Adaptive and closed loop strategies
- ▶ Practical diagnostic exercises
- ▶ Optimal usage of the equipment you have at hand
- ▶ Interpreting scan tool and oscilloscope data

Course topics include:

- ▶ Operational overviews for Bosch and non-Bosch systems and components
- ▶ Explanation of Motronic ME torque-based “drive by wire” systems
- ▶ Detailed component identification, operation and diagnosis procedures
- ▶ Diagnosis of various management systems using the latest diagnostic equipment

Practical sessions are undertaken to further enhance trainee understanding and diagnostic skills, these sessions include:

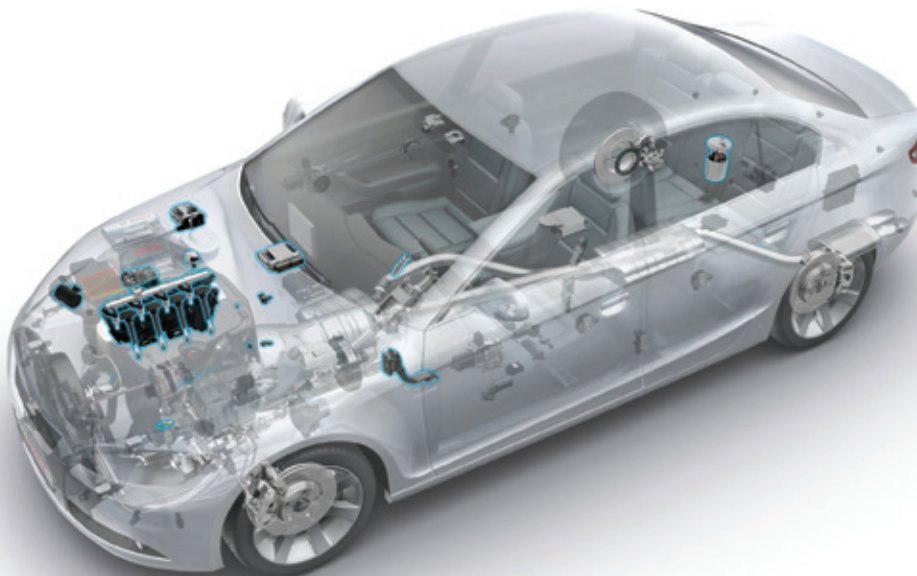
- ▶ Diagnosis and system testing using assorted workshop equipment including:
 - Oscilloscopes, Digital Multimeters, Scan Tools, Gas Analysers
- ▶ Practical troubleshooting/fault finding exercises

Training positions are limited for this course due to the specialised nature and high practical content.

Course Duration – **3 full days**

Location – **Melbourne**

Price – **\$924.00 (excl. GST) AUD/NZD**



Gasoline Direct Injection

Gasoline Direct Injection (GDI) systems have now become the standard for petrol engine vehicles in our market. Providing a detailed description of the Bosch MED 7 and 9 family systems as well as non-Bosch GDI systems, this training is an essential addition to the knowledge base of all workshop technicians.

Objectives of the training course:

- ▶ Understanding high pressure gasoline systems and variations
- ▶ Service precautions on GDI components
- ▶ Injector drive concepts for solenoid and piezo
- ▶ Emission concepts for stratified/homogenous injection
- ▶ Interpreting scan tool and oscilloscope data

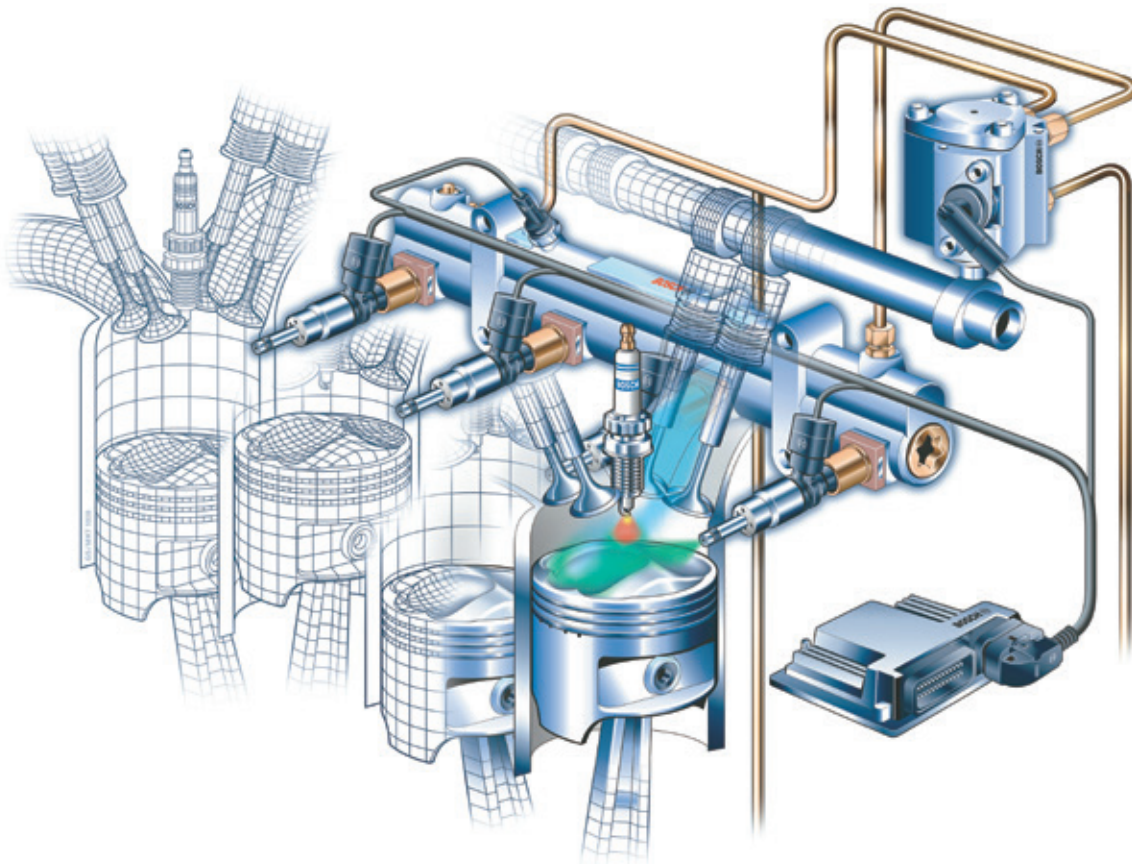
Course topics include:

- ▶ Design and operation of key components
- ▶ Control unit functions and their interaction in the complete system
- ▶ Mixture preparation modes and emission control strategies
- ▶ Diagnostic procedures using scan tools and oscilloscope
- ▶ System settings and servicing possibilities
- ▶ Use and application of special servicing tools

Course Duration – **1 full day**

Location – **Melbourne, Sydney, Brisbane and Perth**

Price – **\$445.00 (excl. GST) AUD/NZD**



Ignition System Diagnosis

Thorough knowledge of the advancements in ignition system technology and components is essential for efficient diagnosis and repair of modern vehicles.

Objectives of this training course:

- ▶ Fully understand the working principles of ignition system components
- ▶ Connect and use an oscilloscope to display ignition waveforms
- ▶ Interpret Primary and Secondary ignition oscilloscope displays
- ▶ Carry out ignition diagnostic tests to indicate ignition system and engine management system faults
- ▶ Pinpoint ignition system component faults

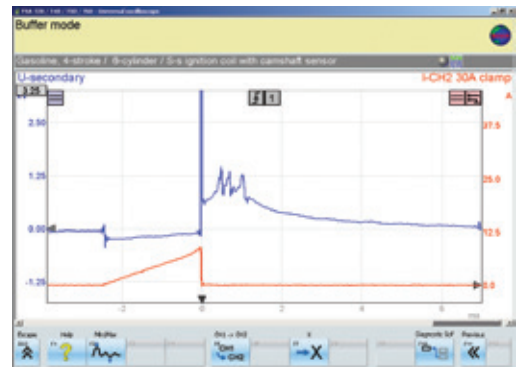
Course topics include:

- ▶ Ignition fundamentals
- ▶ Mapped computerised ignition and module based
- ▶ Single and double-spark distributorless ignition
- ▶ Misfire and knock detection systems and codes
- ▶ Testing rotational speed and position sensors
- ▶ Variations in coil designs and testing options
- ▶ Effective use of an oscilloscope as well as alternative equipment for diagnostics

Course Duration – **1 full day**

Location – **Melbourne**

Price – **\$445.00 (excl. GST) AUD/NZD**



Vehicle Braking Systems

Sophisticated systems such as stability control (ESP® / ESC) and even the latest advanced driver assistance systems (ADAS) rely on the operation of the foundation brake system. The performance of the hydraulic components and their efficient diagnosis is even more critical than ever in modern vehicles.

Objectives of this training course:

- ▶ Know hydraulic concepts, system variations and design considerations
- ▶ Understand the implications of system modifications and upgrades
- ▶ Understand brake force distribution concepts including EBD
- ▶ Learn service tips and precautions
- ▶ Perform practical trouble shooting in hydraulic brake systems

Course topics include:

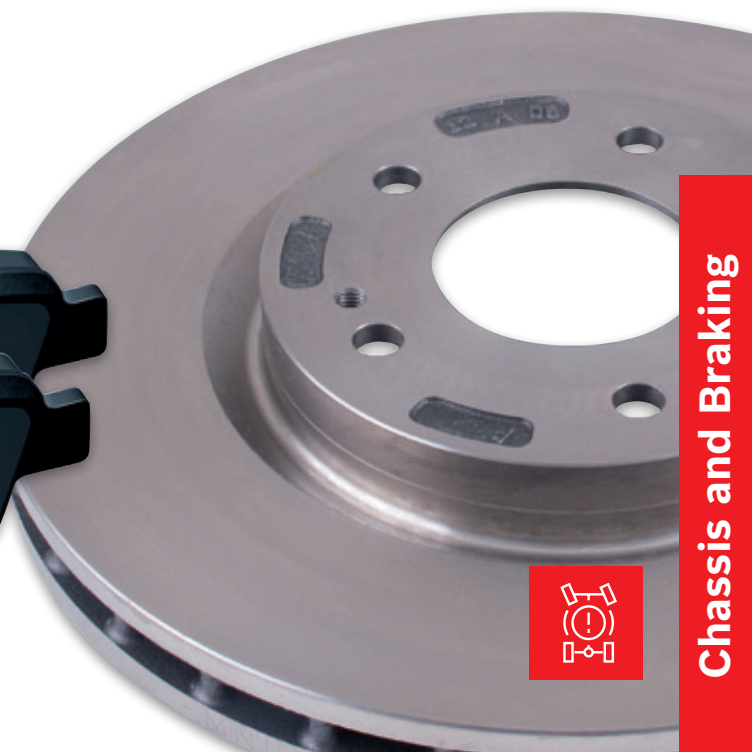
- ▶ Brake system design fundamentals including hydraulic principles and braking circuit formats
- ▶ Master cylinders, callipers & boosters - design and operation
- ▶ Friction material compositions, fault diagnosis and repair techniques
- ▶ Service and maintenance procedures including pad/rotor replacement and brake fluid testing
- ▶ Diagnosis of hydraulics systems using pressure gauges and various measuring tools

This training course will enhance the skills of tradespeople of all experience levels involved in the general repair of vehicle braking systems.

Course Duration – **1 full day**

Locations – **Melbourne**

Price – **\$445.00 (excl. GST) AUD/NZD**

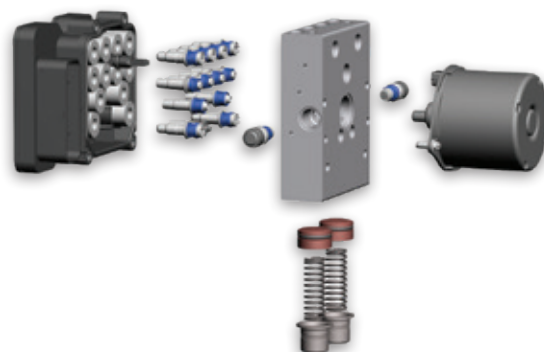


Vehicle Dynamics Control

Anti-lock braking (ABS), Traction control (TCS), and Electronic stability control systems (ESP®) are no longer optional or only found on high-end luxury vehicles. These systems are now legally required on all vehicles. The hydraulic and electronic systems form an integral part of vehicle operations including braking, transmissions engine management and diagnostics functions.

Objectives of this training course:

- ▶ Diagnosis of modern stability control systems
- ▶ Electrical and hydraulic variations
- ▶ Understanding integration into other vehicle systems
- ▶ Effect of vehicle modifications on performance
- ▶ Tips and common faults to help with efficient diagnostics



Course topics include:

- ▶ System history and evolution (ABS, TCS and ESP®)
- ▶ Structure and operation of the various integrated systems including;
 - Anti-lock braking systems (ABS)
 - Traction control systems (TCS, ASR)
 - Stability control systems (ESP®, VDC, ESC, DSC)
- ▶ Current generation Bosch ABS system 8 and 9
- ▶ Active wheel speed sensor operation and diagnosis

Course Duration – **1 full day**

Locations – **Melbourne**

Price – **\$445.00 (excl. GST) AUD/NZD**



Advanced Driver Assistance Systems (ADAS)

Advanced Driver Assistance Systems (ADAS) are no longer just for high-end vehicles, they are filtering down into all models from all manufacturers.

ADAS includes emergency braking, lane keeping assistance, adaptive cruise control and blind spot detection amongst others.

There are major implications for the repair industry regarding calibration and replacement of radar and camera sensors, this can be as a result of even minor collision damage, windscreen replacement, sensor replacement, vehicle modifications etc.



Objectives of this training course:

- ▶ To better understand the interconnectivity of modern safety systems and driver aids
- ▶ Identifying and understanding the various ADAS sensors, and their application
- ▶ Trainees will see how to use the required equipment, to carry out a comprehensive vehicle search of ADAS systems
- ▶ Understanding the test equipment required for ADAS service tasks
- ▶ Set up and calibration process of a modern ADAS sensor

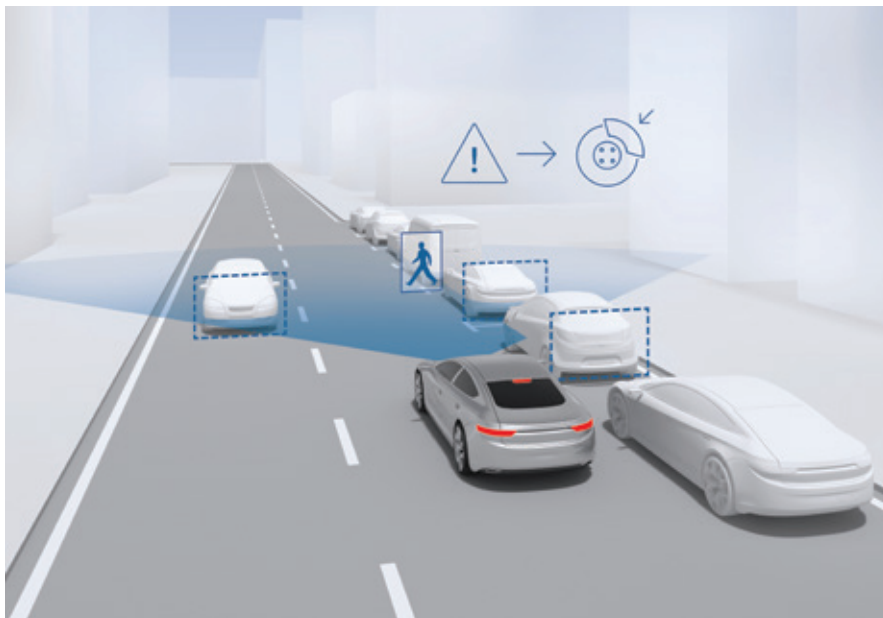
Course topics include:

- ▶ Driver assistance functions and variations
- ▶ Sensor technologies used, operation and limitations
- ▶ Why calibrations are required
- ▶ Dynamic vs static calibrations
- ▶ Equipment required for calibration

Course Duration – **1 full day**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$445.00 (excl. GST) AUD/NZD**



Diesel Exhaust and Emission Systems

Understanding diesel exhaust treatment systems is fundamental to any one working on diesel vehicles. Field issues, diagnostics and servicing is often centred around the emission control systems, their complex interaction and impact on vehicle operation.

Objectives of this training course:

- Understanding formation and treatment of diesel emissions
- Implication of faults on vehicle behaviour
- Equipment required for diagnostics and repair
- Diagnostic tips and hints
- Interpreting scan tool and oscilloscope data

Course topics include:

- Diesel emission formation in the combustion processes
- Overview of changing legislation and future diesel outlook
- Emissions reduction technologies, including;
 - DOC - Diesel Oxidisation Converter
 - NOx storage converters
 - Glow systems
 - EGR – Exhaust Gas Recirculation (Lo & Hi pressure)
 - DPF – Diesel Particulate Filters
 - Departronic – ‘5th injector’
 - SCR – Selective Catalytic Reduction inc. dual injection
 - DENOX SCR systems
- Sensors associated with diesel emission control systems including;
 - Wide band Oxygen sensors
 - NOx sensors
 - Particulate sensors
 - Differential pressure sensors
 - EGT sensor variants
 - Cylinder pressure sensors



Practical sessions are undertaken to further enhance trainee understanding and diagnostic skills, these sessions include:

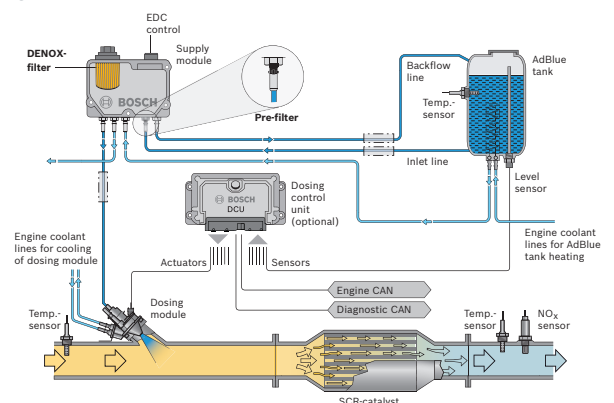
- Fault diagnosis and system testing using scan tools
- DENOX system testing and service parts
- Oscilloscope electrical testing of sensors and actuators

This course is recommended for all technicians that perform repair work on vehicles equipped with modern diesel systems. Attending CRSD (Common Rail Systems Diagnosis) is recommended.

Course Duration – **1 full day**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$445.00 (excl. GST) AUD/NZD**



Common Rail System Diagnosis

This comprehensive training program provides an in-depth and detailed description of the construction, operation and diagnosis of common rail diesel systems, as fitted to most modern-day diesel vehicles.

Objectives of this training course:

- ▶ Understanding hydraulic and electrical systems
- ▶ Implication of faults on vehicle behaviour
- ▶ Emissions systems
- ▶ Diagnostic tips and hints
- ▶ Interpreting scan tool and oscilloscope data

Course topics include:

- ▶ Diesel operating and hydraulic principles and combustion processes
- ▶ Solenoid and Piezo Injectors: design variations and functionality
- ▶ Variable-geometry turbochargers
- ▶ Common rail specific sensor and actuator functions
- ▶ Engine management and emission control systems
- ▶ Modern emissions reduction technologies, including:
 - DPF - Diesel Particulate Filters
 - SCR - Selective Catalytic Reduction (Ad-Blue)

Practical sessions are undertaken to further enhance trainee understanding and diagnostic skills, these sessions include:

- ▶ Fault diagnosis and system testing using scan tools
- ▶ High and low fuel pressure measurements
- ▶ Injector back-flow measurement using system-specific tools
- ▶ Oscilloscope electrical testing of sensors and actuators

This course is recommended for all general workshop technicians that perform repair work on vehicles equipped with common rail diesel systems.

Course Duration – **2 full days**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$671.00 (excl. GST) AUD/NZD**



On Board Diagnosis

The On Board Diagnosis system is an integral part of all modern vehicles, both petrol and diesel. A clear understanding of the On Board Diagnosis system is essential for effective diagnosis and efficient use of any scan tool.

The focus is on fast and accurate diagnosis!

Objectives of this training course:

- ▶ Understanding different communication networks e.g. CAN
- ▶ Fault finding vehicle communication networks
- ▶ OBDII, EOBD and OEM diagnostics
- ▶ Understanding fault setting parameters
- ▶ Maximising effectiveness of your scan tool

Course topics include:

- ▶ Background of the vehicle diagnostics system
- ▶ Vehicle multiplexing concepts
- ▶ Communication network structures and fault finding (e.g. CAN)
- ▶ Detailed investigation of OBD and OBDII systems
- ▶ OBD-II code structures, setting and clearing conditions
- ▶ Use of scan tools for improved fault diagnosis, tips and shortfalls

Course Duration – **1 full day**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$445.00 (excl. GST) AUD/NZD**



Pass-Thru Programming

An ever-increasing number of vehicle issues can only be fixed by upgrading software. Manufacturer's updates are released to improve emissions, fuel economy, drivability, performance or for specific warranty issues.

The J2534 'Pass-Thru' programming standard gives general workshops the ability to reprogram ECU's without the need for a special dealer-only tool.

Objectives of this training course:

- ▶ How to install the OE portal application on our PC: OE portals often require very specific configuration of the hardware and software in order to run correctly
- ▶ Get basic training in the brand-specific portal, and learn to navigate and configure a Bosch KTS (as an example), as a communication interface to the OE application
- ▶ How online service books can be accessed and used, if they are available
- ▶ Acquire practical experience by performing ECU flashing
- ▶ Avoiding common mistakes that can be both costly and time-consuming
- ▶ What tools and equipment are needed to achieve a successful ECU reprogramming

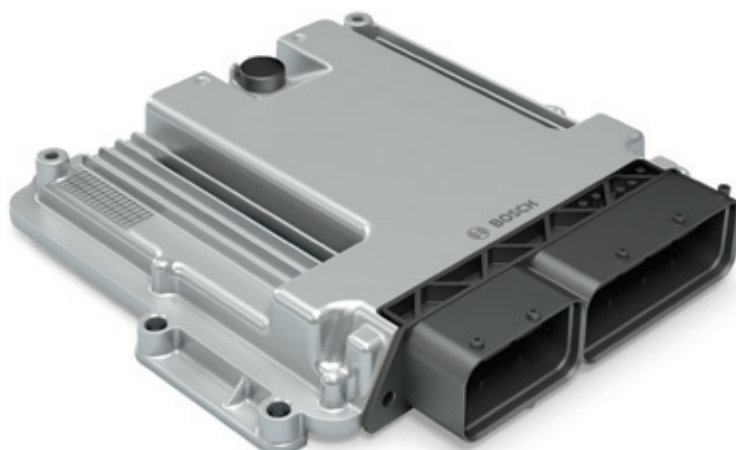
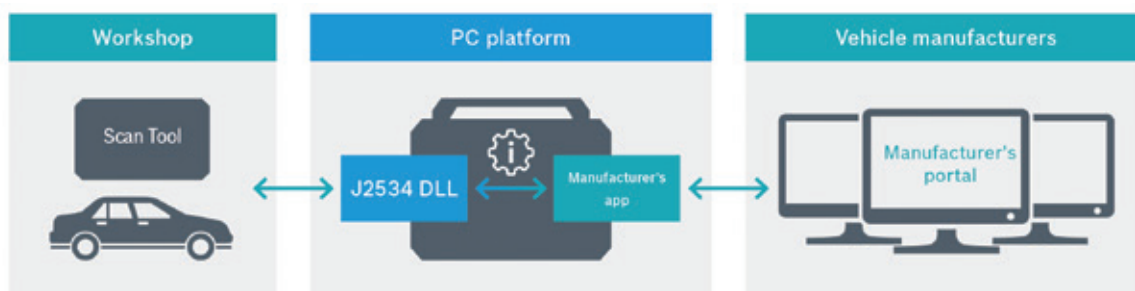
Course topics include:

- ▶ What is 'Pass-Thru' and why does your workshop need it?
- ▶ What is the J2534 standard?
- ▶ What tools do you need to perform the programming?
- ▶ How do you access the manufacturer's software data?
- ▶ Practical examples

Course Duration – **1 evening session**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$167.00 (excl. GST) AUD/NZD**



KTS/ESI Operation

This course is aimed at Automotive Service Centres already using the Bosch KTS diagnostic tester or where customers have shown interest in the diagnostic tester. Effective use of the KTS in conjunction with ESI[tronic] software and CAS[plus] functionality maximising the use of the KTS for improved fault diagnosis on the vehicle. Emphasis will also be placed on the efficient sourcing of information using ESI[tronic] and its value as a stand alone workshop tool.

Objectives of this training course:

- ▶ Maximising the efficiency of your diagnosis using the KTS
- ▶ Using oscilloscope and multimeter functions
- ▶ Accessing, recording and analysing live data traces
- ▶ Referencing technical instructions (SIS), parts diagrams and component fitment lists
- ▶ Linking scanned data into your repair information (CAS)
- ▶ Accessing common fault data base and other online features
- ▶ Producing customer diagnostic reports



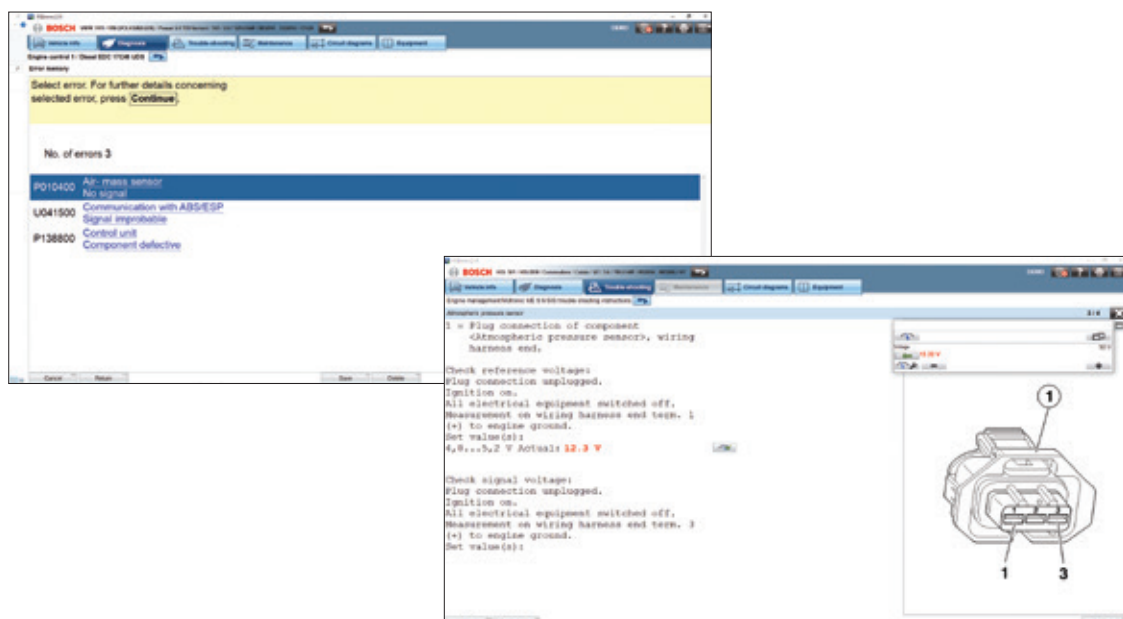
Course topics include:

- ▶ Vehicle diagnosis (live on vehicle & in simulation mode)
- ▶ SIS trouble-shooting instructions and CAS[plus]
- ▶ Service View
- ▶ Measurement options with multimeter and oscilloscope.
- ▶ ESI[tronic] features, including parts search, vehicle search, use of navigation bar, link between CAS[plus] and KTS and reading and understanding circuit diagrams.

Course Duration – **1 full day**

Locations – **Melbourne, Sydney, Brisbane, Adelaide, Perth, Auckland and Christchurch**

Price – **\$445.00 (excl. GST) AUD/NZD**



Bosch Diagnostic Equipment

There are many critical factors in the success of a professional workshop. As a business partner, Bosch is not only able to offer quality training, but complement it with “state of the art” test equipment solutions.

For as long as Bosch has manufactured innovative vehicle systems, our philosophy has been to supply the most efficient and comprehensive test equipment to service them.

For further information about the extensive range of Bosch specialised workshop equipment, call 1300 783 031 or visit boschaftermarket.com.au / boschaftermarket.co.nz



2022 Training Calendar - Australia

Location	Course Name	Date/s	Course Duration	Time	Course Fees (Excl. GST) AUD
Dandenong Sth, Vic	Electronic Battery Management	9th March	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Hybrid and Electric Vehicle Systems	10th March	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Common Rail System Diagnosis	29th - 30th March	2 full days	8.30am - 5.00pm	\$671.00
Dandenong Sth, Vic	Diesel Exhaust & Emission Systems	31st March	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Advanced Driver Assistance Systems	17th May	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Vehicle Dynamics Control	18th May	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Vehicle Braking Systems	19th May	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	On Board Diagnosis - OBDII	31st May	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Pass-Thru Programming	1st June	1 morning	8.30am - 12.00pm	\$167.00
Dandenong Sth, Vic	KTS/ESI Operation	2nd June	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Engine Management Systems	21st - 23rd June	3 full days	8.30am - 5.00pm	\$924.00
Dandenong Sth, Vic	On Board Diagnosis - OBDII	12th July	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Pass-Thru Programming	13th July	1 morning	8.30am - 12.00pm	\$167.00
Dandenong Sth, Vic	KTS/ESI Operation	14th July	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Hybrid and Electric Vehicle Systems	26th July	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Electronic Battery Management	27th July	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Gasoline Direct Injection	16th August	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Ignition Systems Diagnosis	17th August	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Common Rail System Diagnosis	13th - 14th September	2 full days	8.30am - 5.00pm	\$671.00
Dandenong Sth, Vic	Diesel Exhaust & Emission Systems	15th September	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Electronic Fundamentals & Sensor Diagnosis	27th - 28th September	2 full days	8.30am - 5.00pm	\$671.00
Dandenong Sth, Vic	Engine Management Systems	11th - 13th October	3 full days	8.30am - 5.00pm	\$924.00
Dandenong Sth, Vic	Hybrid and Electric Vehicle Systems	15th November	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Ignition Systems Diagnosis	16th November	1 full day	8.30am - 5.00pm	\$445.00
Dandenong Sth, Vic	Gasoline Direct Injection	17th November	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	KTS/ESI Operation	27th April	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	Pass-Thru Programming	28th April	1 morning	8.30am - 12.00pm	\$167.00
Brisbane, Qld	Electronic Fundamentals & Sensor Diagnosis	24th - 25th May	2 full days	8.30am - 5.00pm	\$671.00
Brisbane, Qld	Hybrid and Electric Vehicle Systems	26th May	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	Electronic Battery Management	27th May	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	On Board Diagnosis - OBDII	26th July	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	Pass-Thru Programming	27th July	1 morning	8.30am - 12.00pm	\$167.00
Brisbane, Qld	KTS/ESI Operation	28th July	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	Advanced Driver Assistance Systems	11th October	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	Gasoline Direct Injection	12th October	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	Hybrid and Electric Vehicle Systems	13th October	1 full day	8.30am - 5.00pm	\$445.00
Brisbane, Qld	Common Rail System Diagnosis	22nd - 23rd November	2 full days	8.30am - 5.00pm	\$671.00
Brisbane, Qld	Diesel Exhaust & Emission Systems	24th November	1 full day	8.30am - 5.00pm	\$445.00
Sydney, NSW	Electronic Fundamentals & Sensor Diagnosis	22nd - 23rd March	2 full days	8.30am - 5.00pm	\$671.00
Sydney, NSW	Hybrid and Electric Vehicle Systems	24th March	1 full day	8.30am - 5.00pm	\$445.00
Sydney, NSW	Common Rail System Diagnosis	7th - 8th June	2 full days	8.30am - 5.00pm	\$671.00
Sydney, NSW	Diesel Exhaust & Emission Systems	9th June	1 full day	8.30am - 5.00pm	\$445.00
Sydney, NSW	Advanced Driver Assistance Systems	6th September	1 full day	8.30am - 5.00pm	\$445.00
Sydney, NSW	Electronic Battery Management	7th September	1 full day	8.30am - 5.00pm	\$445.00
Sydney, NSW	Gasoline Direct Injection	8th September	1 full day	8.30am - 5.00pm	\$445.00
Sydney, NSW	On Board Diagnosis - OBDII	8th November	1 full day	8.30am - 5.00pm	\$445.00
Sydney, NSW	Pass-Thru Programming	9th November	1 morning	8.30am - 12.00pm	\$167.00
Sydney, NSW	KTS/ESI Operation	10th November	1 full day	8.30am - 5.00pm	\$445.00
Perth, WA	Common Rail System Diagnosis	10th - 11th May	2 full days	8.30am - 5.00pm	\$671.00
Perth, WA	Diesel Exhaust & Emission Systems	12th May	1 full day	8.30am - 5.00pm	\$445.00
Perth, WA	Electronic Fundamentals & Sensor Diagnosis	23rd - 24th August	2 full days	8.30am - 5.00pm	\$671.00
Perth, WA	Advanced Driver Assistance Systems	25th August	1 full day	8.30am - 5.00pm	\$445.00
Perth, WA	On Board Diagnosis - OBDII	18th October	1 full day	8.30am - 5.00pm	\$445.00
Perth, WA	Pass-Thru Programming	19th October	1 morning	8.30am - 12.00pm	\$167.00
Perth, WA	KTS/ESI Operation	20th October	1 full day	8.30am - 5.00pm	\$445.00
Perth, WA	Hybrid and Electric Vehicle Systems	6th December	1 full day	8.30am - 5.00pm	\$445.00
Perth, WA	Electronic Battery Management	7th December	1 full day	8.30am - 5.00pm	\$445.00
Perth, WA	Gasoline Direct Injection	8th December	1 full day	8.30am - 5.00pm	\$445.00
Adelaide, SA	Electronic Fundamentals & Sensor Diagnosis	3rd - 4th May	2 full days	8.30am - 5.00pm	\$671.00
Adelaide, SA	Hybrid and Electric Vehicle Systems	5th May	1 full day	8.30am - 5.00pm	\$445.00
Adelaide, SA	Electronic Battery Management	6th May	1 full day	8.30am - 5.00pm	\$445.00
Adelaide, SA	Common Rail System Diagnosis	19th - 20th July	2 full days	8.30am - 5.00pm	\$671.00
Adelaide, SA	Diesel Exhaust & Emission Systems	21st July	1 full day	8.30am - 5.00pm	\$445.00
Adelaide, SA	Advanced Driver Assistance Systems	20th September	1 full day	8.30am - 5.00pm	\$445.00
Adelaide, SA	On Board Diagnosis - OBDII	21st September	1 full day	8.30am - 5.00pm	\$445.00
Adelaide, SA	Pass-Thru Programming	22nd September	1 morning	8.30am - 12.00pm	\$167.00
Adelaide, SA	KTS/ESI Operation	23rd September	1 full day	8.30am - 5.00pm	\$445.00

Enrolment Form - Australia

(Use one form per Trainee. Form can be used for multiple courses. Block letters only.)

Participant Details: (Please inform us of any specific dietary requirements)

Name: Dietary Requirements:

Business Details:

Business Name: Telephone:

Address: Email:

Notice of Collection:

Your personal information collected will be used for providing training, administering, improving and personalising our products and services and communicating with you. It may be shared with other members of the Bosch group, some of which may be located outside Australia. It will not be disclosed to third parties, other than for the purposes outlined above, without your consent. More details about how Bosch handles your personal information is included in its Privacy Policy (<https://www.bosch.com.au-policy/>)

☐ I agree to receive direct marketing communication from Bosch.

☐ Are you a member of the Bosch Service Network?
If so, a 15% discount is applicable.

Course Name - Please (✓)	Date	Time	Location	Course Fees (Excl. GST) AUD
<input type="checkbox"/> Advanced Driver Assistance Systems (ADAS)				\$445.00
<input type="checkbox"/> Common Rail System Diagnosis				\$671.00
<input type="checkbox"/> Diesel Exhaust & Emission Systems				\$445.00
<input type="checkbox"/> Electronic Battery Management				\$445.00
<input type="checkbox"/> Electronic Fundamentals & Sensor Diagnosis				\$671.00
<input type="checkbox"/> Engine Management Systems				\$924.00
<input type="checkbox"/> Gasoline Direct Injection				\$445.00
<input type="checkbox"/> Hybrid & Electric Vehicle Systems				\$445.00
<input type="checkbox"/> Ignition System Diagnosis				\$445.00
<input type="checkbox"/> KTS/ESI Operation				\$445.00
<input type="checkbox"/> On-Board Diagnosis				\$445.00
<input type="checkbox"/> Pass-Thru Programming				\$167.00
<input type="checkbox"/> Vehicle Braking Systems				\$445.00
<input type="checkbox"/> Vehicle Dynamics Control				\$445.00

Payment Options

EFT Payment: Banking details will be provided with your invoice.

Capricorn Account Payment: Capricorn Member Number:



Payment Details:

☐ VISA ☐ MasterCard

Total Payment Due
\$

CardNumber: Expiry /

Cardholder's Name: (Please print)

Signature:

Completed form can be submitted via:

E-mail: automotive.training@au.bosch.com **Mail:** Attn - Laura Oswald, Locked Bag 66, Clayton South, Victoria 3169

2022 Training Calendar - New Zealand

Location	Course Name	Date/s	Course Duration	Time	Course Fees (Excl. GST) NZD
Auckland, NZ	Advanced Driver Assistance Systems	22nd February	1 full day	8.30am - 5.00pm	\$445.00
Auckland, NZ	On Board Diagnosis - OBDII	23rd February	1 full day	8.30am - 5.00pm	\$445.00
Auckland, NZ	Pass-Thru Programming	24th February	1 morning	8.30am - 12.00pm	\$167.00
Auckland, NZ	KTS/ESI Operation	25th February	1 full day	8.30am - 5.00pm	\$445.00
Auckland, NZ	Electronic Fundamentals & Sensor Diagnosis	5th - 6th July	2 full days	8.30am - 5.00pm	\$671.00
Auckland, NZ	Electronic Battery Management	7th July	1 full day	8.30am - 5.00pm	\$445.00
Auckland, NZ	Hybrid and Electric Vehicle Systems	8th July	1 full day	8.30am - 5.00pm	\$445.00
Auckland, NZ	Common Rail System Diagnosis	4th - 5th October	2 full days	8.30am - 5.00pm	\$671.00
Auckland, NZ	Diesel Exhaust & Emission Systems	6th October	1 full day	8.30am - 5.00pm	\$445.00
Christchurch, NZ	Advanced Driver Assistance Systems	5th April	1 full day	8.30am - 5.00pm	\$445.00
Christchurch, NZ	On Board Diagnosis - OBDII	6th April	1 full day	8.30am - 5.00pm	\$445.00
Christchurch, NZ	Pass-Thru Programming	7th April	1 morning	8.30am - 12.00pm	\$167.00
Christchurch, NZ	KTS/ESI Operation	8th April	1 full day	8.30am - 5.00pm	\$445.00
Christchurch, NZ	Electronic Fundamentals & Sensor Diagnosis	9th - 10th August	2 full days	8.30am - 5.00pm	\$671.00
Christchurch, NZ	Electronic Battery Management	11th August	1 full day	8.30am - 5.00pm	\$445.00
Christchurch, NZ	Hybrid and Electric Vehicle Systems	12th August	1 full day	8.30am - 5.00pm	\$445.00
Christchurch, NZ	Common Rail System Diagnosis	TBA	2 full days	8.30am - 5.00pm	\$671.00
Christchurch, NZ	Diesel Exhaust & Emission Systems	TBA	1 full day	8.30am - 5.00pm	\$445.00



Enrolment Form - New Zealand

(Use one form per Trainee. Form can be used for multiple courses. Block letters only.)

Participant Details: (Please inform us of any specific dietary requirements)

Name: Dietary Requirements:

Business Details:

Business Name: Telephone:

Address: Email:

Notice of Collection:

Your personal information collected will be used for providing training, administering, improving and personalising our products and services and communicating with you. It may be shared with other members of the Bosch group, some of which may be located outside Australia. It will not be disclosed to third parties, other than for the purposes outlined above, without your consent. More details about how Bosch handles your personal information is included in its Privacy Policy (<https://www.bosch.com.au-policy/>)

☐ I agree to receive direct marketing communication from Bosch. ☐ Are you a member of the Bosch Service Network? If so, a 15% discount is applicable.

Course Name - Please (✓)	Date	Time	Location	Course Fees (Excl. GST) NZD
<input type="checkbox"/> Advanced Driver Assistance Systems	22nd February	8.30am - 5.00pm	Auckland	\$445.00
<input type="checkbox"/> On Board Diagnosis - OBDII	23rd February	8.30am - 5.00pm	Auckland	\$445.00
<input type="checkbox"/> Pass-Thru Programming	24th February	8.30am - 12.00pm	Auckland	\$167.00
<input type="checkbox"/> KTS/ESI Operation	25th February	8.30am - 5.00pm	Auckland	\$445.00
<input type="checkbox"/> Electronic Fundamentals & Sensor Diagnosis	5th - 6th July	8.30am - 5.00pm	Auckland	\$671.00
<input type="checkbox"/> Electronic Battery Management	7th July	8.30am - 5.00pm	Auckland	\$445.00
<input type="checkbox"/> Hybrid and Electric Vehicle Systems	8th July	8.30am - 5.00pm	Auckland	\$445.00
<input type="checkbox"/> Common Rail System Diagnosis	4th - 5th October	8.30am - 5.00pm	Auckland	\$671.00
<input type="checkbox"/> Diesel Exhaust & Emission Systems	6th October	8.30am - 5.00pm	Auckland	\$445.00
<input type="checkbox"/> Advanced Driver Assistance Systems	5th April	8.30am - 5.00pm	Christchurch	\$445.00
<input type="checkbox"/> On Board Diagnosis - OBDII	6th April	8.30am - 5.00pm	Christchurch	\$445.00
<input type="checkbox"/> Pass-Thru Programming	7th April	8.30am - 12.00pm	Christchurch	\$167.00
<input type="checkbox"/> KTS/ESI Operation	8th April	8.30am - 5.00pm	Christchurch	\$445.00
<input type="checkbox"/> Electronic Fundamentals & Sensor Diagnosis	9th - 10th August	8.30am - 5.00pm	Christchurch	\$671.00
<input type="checkbox"/> Electronic Battery Management	11th August	8.30am - 5.00pm	Christchurch	\$445.00
<input type="checkbox"/> Hybrid and Electric Vehicle Systems	12th August	8.30am - 5.00pm	Christchurch	\$445.00
<input type="checkbox"/> Common Rail System Diagnosis	TBA	8.30am - 5.00pm	Christchurch	\$671.00
<input type="checkbox"/> Diesel Exhaust & Emission Systems	TBA	8.30am - 5.00pm	Christchurch	\$445.00

Payment Options

EFT Payment: Banking details will be provided with your invoice.

Capricorn Account Payment: Capricorn Member Number:



Payment Details:

☐ VISA ☐ MasterCard

CardNumber: Expiry /

Cardholder's Name: (Please print)

Signature:

Total Payment Due
\$

Completed form can be submitted via:


E-mail: automotive.training@au.bosch.com **Mail:** Attn - Laura Oswald, Locked Bag 66, Clayton South, Victoria 3169

Bosch Automotive Training Solutions

Welcome to the Bosch Automotive Training Solutions website. Here you will find information about the training courses we offer and a calendar of the dates and locations where they will take place.



When you have located the training course you would like to attend you can enrol into your preferred course from this website.

Homepage

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Bosch Automotive Training Solutions



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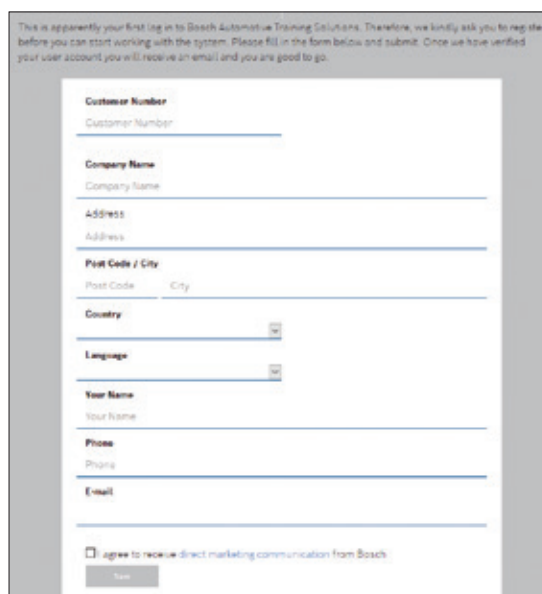
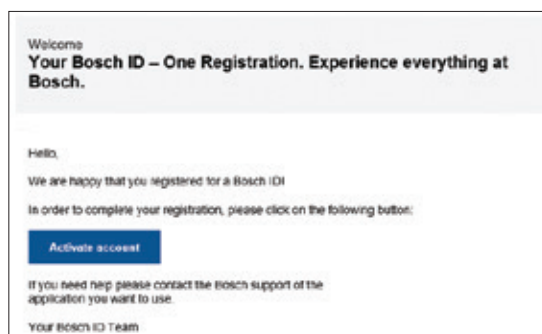
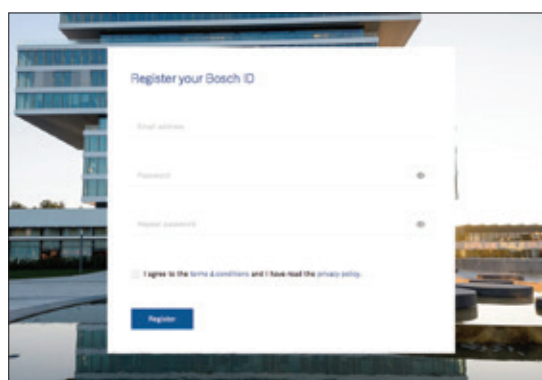
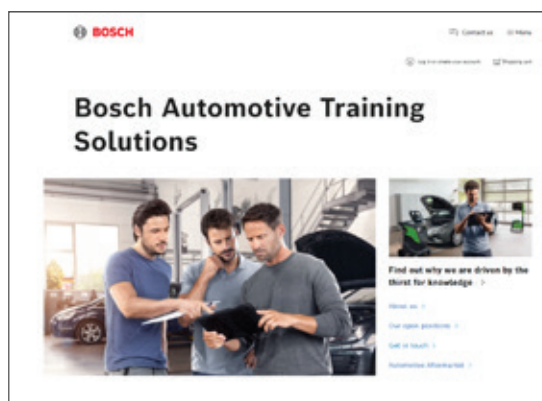
[Explore all our training stories >](#)

Bosch Automotive Training Solutions

How to Register

1. Go to:
www.bosch-training-solutions.com
and select **Log In**
2. Select **Not Registered Yet**
(if you already have a **Bosch Global ID** you can simply **Log In**)
3. Complete your details and select **Register**
4. You will receive an activation email, select **Activate Account**
5. Using the details you used to create your Account, **Log In** and complete the registration form
(if you don't have a customer number please enter **12345678**)
6. You will receive a final confirmation email, linking your **Bosch Global ID** to your **Bosch Automotive Training Solutions (BATS)** account

Congratulations, your learning journey with us starts here



Enrolment and General Information

Enrolment Process:

Please submit the Enrolment Form, including payment details, to Robert Bosch Australia as per instructions on the form. This does not guarantee acceptance until our written confirmation has been issued to you. Please discuss any special requirements with our training administrator. Insufficient enrolments may result in a course being cancelled or deferred to an alternative date.

Late Enrolments:

A 10% administration fee for each course will apply to all training enrolments made within 10 working days prior to the start of training course.

Enrolment Cancellations:

We ask you to notify us in writing at your earliest convenience if you are unable to attend a training course. No refund will apply for cancellations received less than 10 working days prior to the course starting date. Course enrolments are transferable to another person from your business at anytime, without charge.

Meals:

Lunch and/or refreshments will be provided to all participants of training.

Course Materials:

All course workbooks and handouts are provided.

Course Times:

Full day training: 8.30am – 5.00pm

Morning training: 8.30am – 12.00pm

Accommodation and Travel:

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

Certificates:

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

Melbourne-Based Training Courses

How to Get There:

Melbourne based courses are delivered at 2 different locations depending on the timing of the course.

Full day and morning courses:

Bosch Automotive Training Centre

158 – 218 Abbotts Road, Dandenong South

Evening courses:

Bosch Headquarters

1555 Centre Road, Clayton

The course calendar advises whether it is a full day or morning course.

Strict Dress Code:

Enclosed leather shoes (safety shoes) and workwear to be worn. No shorts or singlets are to be worn, otherwise attendance will be refused.

Mobile Phones and Cameras:

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

Assistance and General Enquires:

Our training administrator can be contacted Mon-Thurs between 9:00am to 4:30pm on +61 (3) 9541 5553 or via email at automotive.training@au.bosch.com

Melbourne Location Maps and Accommodation

There are two modern training facilities in Melbourne, Australia. One in Dandenong South and the other at Bosch's headquarters in Clayton. All training is delivered by qualified Bosch trainers which assures the quality of the technical training remains the same, regardless of location.

***Enrolment confirmation letter will contain details of the relevant training course venue.**



Dandenong

1 Lynbrook Hotel
(2.5km to Bosch)
550 South Gippsland Highway, Lynbrook, 3975
Ph: + 61 (3) 8769 7000
www.lynbrookhotel.com.au

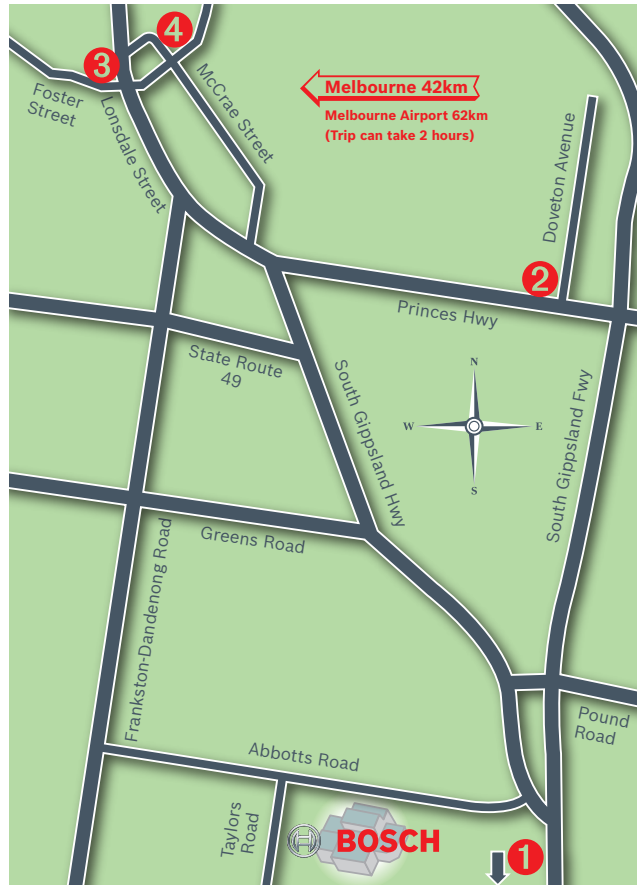
2 Atura Dandenong
(4km to Bosch)
5 - 17 Doveton Avenue, Eumemmerring, 3177
Ph: +61 (3) 9771 6000
www.aturahotels.com/dandenong

3 Punthill Apartments Dandenong
(5.5km to Bosch)
Cnr Lonsdale & Foster Street, Dandenong, 3175
Ph: +61 (3) 9916 8888
www.punthill.com.au

4 Ramada Encore Dandenong
(5.5km to Bosch)
50 - 52 McCrae Street, Dandenong, 3175
Ph: +61 (3) 9793 0088
www.ramadaencore.com.au

Day and morning course location

158 - 218 Abbots Road , Dandenong South, Victoria.



Map is not to scale



Clayton

1 Ibis Melbourne Glen Waverley
(7km to Bosch)
297 Springvale Road, Glen Waverley, 3150
Ph: +61 (3) 9518 7111
www.ibishotel.com

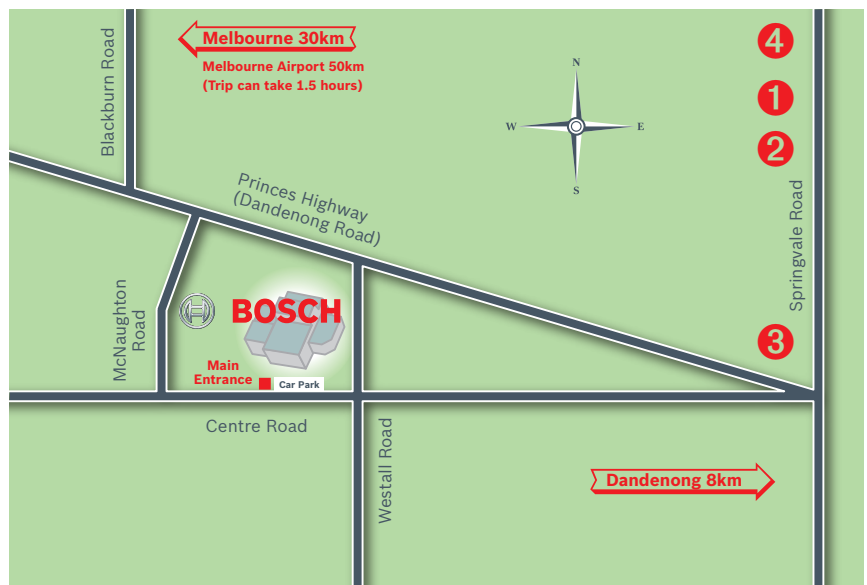
2 The Waverley International Hotel
(7km to Bosch)
301 Springvale Road, Glen Waverley, 3150
Ph: +61 (3) 9560 3311
www.thewaverley.com

3 Mulgrave Court Motor Inn
(2km to Bosch)
5 Harcourt Avenue, Mulgrave, 3170
Ph: +61 (3) 9547 2233
www.mulgravecourt.com

4 Novotel Melbourne Glen Waverley
(7km to Bosch)
285 Springvale Road, Glen Waverley, 3150
Ph: +61 (3) 8561 2345
www.novotelglenwaverley.com.au

Evening course location

1555 Centre Road, Clayton, Victoria.



Map is not to scale

Interstate Location Maps

Sydney

TAFE NSW - Wetherill Park

The Horsley Drive
Wetherill Park, Sydney, 2164
Australia

Bosch Automotive Training

Phone: +61 (3) 9541 5553
E-mail: automotive.training@au.bosch.com
www.boschaftermarket.com.au

Contact Hours
Mon. - Thur. 9:00 - 16:00



Brisbane

MTA Queensland

Freeway Office Park
Building 8/2728 Logan Rd
Eight Mile Plains, Brisbane, 4113
Australia

Bosch Automotive Training

Phone: +61 (3) 9541 5553
E-mail: automotive.training@au.bosch.com
www.boschaftermarket.com.au

Contact Hours
Mon. - Thur. 9:00 - 16:00



Adelaide

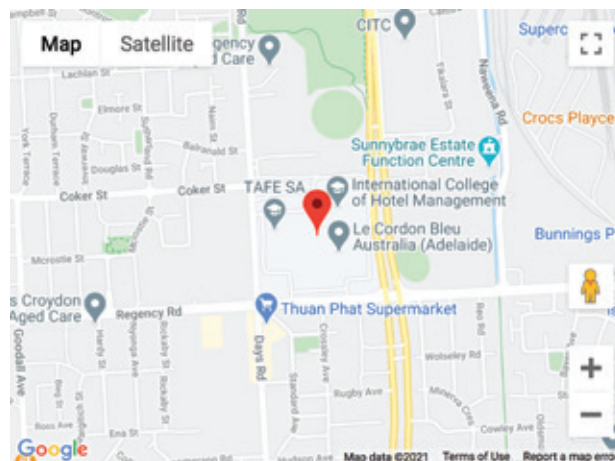
TAFE SA Regency Campus

Days Road
137 Regency Park, Adelaide, 5010
Australia

Bosch Automotive Training

Phone: +61 (3) 9541 5553
E-mail: automotive.training@au.bosch.com
www.boschaftermarket.com.au

Contact Hours
Mon. - Thur. 9:00 - 16:00



Perth

MTA Western Australia

253 Balcatta Rd
Balcatta, Perth, 6021
Australia

Bosch Automotive Training

Phone: +61 (3) 9541 5553
E-mail: automotive.training@au.bosch.com
www.boschaftermarket.com.au

Contact Hours
Mon. - Thur. 9:00 - 16:00



New Zealand Location Maps

Auckland

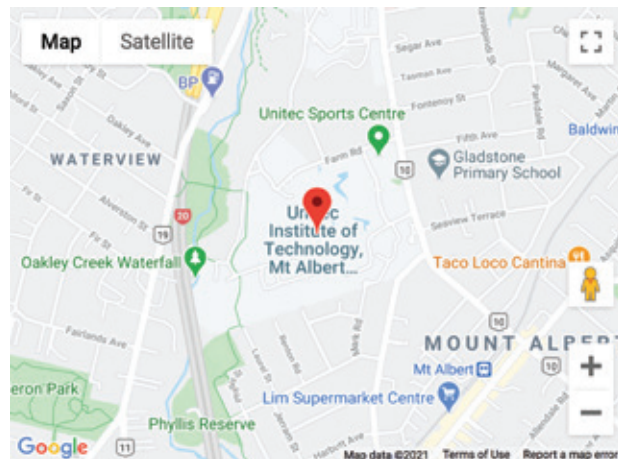
Unitec Institute of Technology

139 Carrington Road
Mount Albert, Auckland, 1025
New Zealand

Bosch Automotive Training

Phone: +61 (3) 9541 5553
E-mail: automotive.training@au.bosch.com
www.boschaftermarket.co.nz

Contact Hours
Mon. - Thur. 9:00 - 16:00



Wellington

Wellington Institute of Technology (WelTec)

59 Cuba Street
Petone, Wellington, 5012
New Zealand

Bosch Automotive Training

Phone: +61 (3) 9541 5553
E-mail: automotive.training@au.bosch.com
www.boschaftermarket.co.nz

Contact Hours
Mon. - Thur. 9:00 - 16:00



Christchurch

Ara Institute of Canterbury

130 Madras Street
Christchurch Central City, Christchurch, 8011
New Zealand

Bosch Automotive Training

Phone: +61 (3) 9541 5553
E-mail: automotive.training@au.bosch.com
www.boschaftermarket.co.nz

Contact Hours
Mon. - Thur. 9:00 - 16:00



Bosch Automotive Product Range

As an automotive parts manufacturer with more than 3,800 patent applications per year, the Bosch group worldwide is truly a leader in innovation. Today, Bosch has been a manufacturer and supplier of quality automotive parts to the industry for more than 125 years. The Bosch automotive product portfolio is very broad which facilitates a strong brand presence for your automotive workshop.

For more details visit boschaftermarket.com.au / boschaftermarket.co.nz

Spark Plugs



Wiper Blades



Ignition



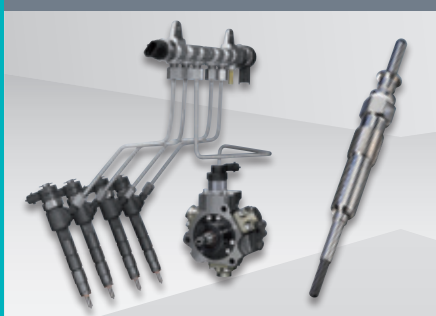
Braking Components



Gasoline



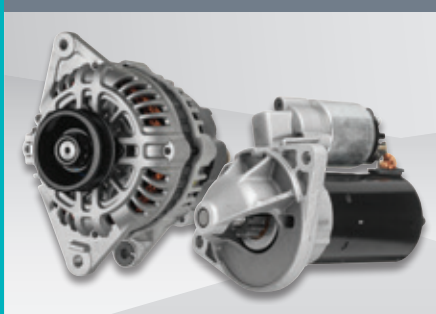
Diesel



Batteries



Starters & Alternators



Energise your workshop with Bosch Car Service

Over 13,000 workshops worldwide benefit everyday from the support features that Bosch provides. By joining the elite group of Bosch Car Service professionals you will prepare your business for the future and stay one step ahead.

The Bosch Car Service affordable annual fee is minimal compared to other similar propositions and is not based on a percentage of your turnover. This allows you to keep your profit as your business grows.



How to become a Bosch Car Service

To become part of the Bosch Car Service network you will need to meet certain criteria.

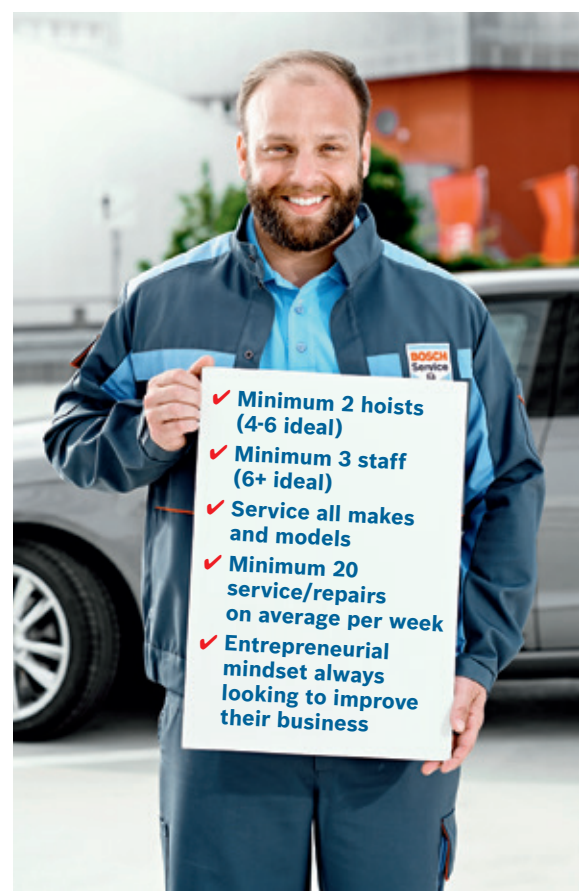
Other elements for consideration include:

- ▶ Your commitment is to the Bosch Car Service brand
- ▶ The motivation, skill and customer service levels of your existing team
- ▶ Your commitment to the use of Bosch product and equipment
- ▶ Your commitment to complete business development and technical training
- ▶ Your commitment to developing your business together with Bosch over an extended period

Tomorrow's winners will be those who are best placed to exploit every advantage that technology, training, top-quality components, streamlined processes and excellent customer service can offer. Together, that is what we can achieve.

For all new enquiries, email:

BoschService.NetworkWebsiteEnquiry@au.bosch.com





Robert Bosch (Australia) Pty. Ltd.
Cnr Centre and McNaughton Roads
Clayton Vic 3168

Bosch Automotive Training

Ph: **+61 (3) 9541 5553**
Email: **automotive.training@au.bosch.com**
Website: **www.bosch-training-solutions.com**

www.boschaftermarket.com.au
www.boschaftermarket.co.nz

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