

# TECHNICAL TRAINING

Driven by

## A THIRST FOR KNOWLEDGE



**BOSCH**  
Invented for life

Experience Bosch Automotive Technical Training to maximize your technical knowledge! The highly recommended program, where technicians can master new technologies and systems by learning from global industry experts, is now open for enrolments!

## 2020 Bosch Automotive Technical Training Calendar - Australia

Location	Course Name	Date/s	Course Duration	Time	Course Fees (Excl. GST) AUD
Dandenong Sth, Vic	Electronic Battery Management	18th February	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Hybrid and Electric Vehicle Systems	19th February	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Vehicle Braking Systems	20th February	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Electronic Fundamentals & Sensor Diagnosis	11th - 12th March	2 full days	8.30am - 5.00pm	\$671.00
Dandenong Sth, Vic	Common Rail System Diagnosis	1st - 2nd April	2 full days	8.30am - 5.00pm	\$671.00
Dandenong Sth, Vic	Advanced Driver Assistance Systems (ADAS)	21st April	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Vehicle Dynamics Control	22nd April	1 full day	8.30am - 5.00pm	\$420.00
Anglesea, Vic	Vehicle Dynamics - Proving Ground Experience	23rd April	1 full day	8.30am - 5.00pm	\$760.00
Dandenong Sth, Vic	Engine Management Systems	12th - 14th May	3 full days	8.30am - 5.00pm	\$924.00
Dandenong Sth, Vic	Hybrid and Electric Vehicle Systems	10th June	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Electronic Battery Management	11th June	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Gasoline Direct Injection	24th June	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Ignition Systems Diagnosis	25th June	1 day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Advanced Driver Assistance Systems (ADAS)	7th July	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Vehicle Dynamics Control	8th July	1 full day	8.30am - 5.00pm	\$420.00
Anglesea, Vic	Vehicle Dynamics - Proving Ground Experience	9th July	1 full day	8.30am - 5.00pm	\$760.00
Dandenong Sth, Vic	Electronic Fundamentals & Sensor Diagnosis	21st - 22nd July	2 full days	8.30am - 5.00pm	\$671.00
Dandenong Sth, Vic	Electronic Battery Management	4th August	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Hybrid and Electric Vehicle Systems	5th August	1 full day	8.30am - 5.00pm	\$420.00
Clayton, Vic	Pass-Thru Programming	25th August	1 evening	5.30pm - 9.00pm	\$167.00
Dandenong Sth, Vic	On Board Diagnosis	26th August	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Ignition Systems Diagnosis	27th August	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Advanced Driver Assistance Systems (ADAS)	15th September	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Vehicle Dynamics Control	16th September	1 full day	8.30am - 5.00pm	\$420.00
Anglesea, Vic	Vehicle Dynamics - Proving Ground Experience	17th September	1 full day	8.30am - 5.00pm	\$760.00
Dandenong Sth, Vic	Common Rail System Diagnosis	13th - 14th October	2 days	8.30am - 5.00pm	\$671.00
Dandenong Sth, Vic	Engine Management Systems	20th - 22nd October	3 days	8.30am - 5.00pm	\$924.00
Clayton, Vic	Pass-Thru Programming	17th November	1 evening	5.30pm - 9.00pm	\$167.00
Dandenong Sth, Vic	On Board Diagnosis	18th November	1 full day	8.30am - 5.00pm	\$420.00
Dandenong Sth, Vic	Gasoline Direct Injection	19th November	1 full day	8.30am - 5.00pm	\$420.00
Brisbane, Qld	Common Rail System Diagnosis	26th - 27th May	2 full days	8.30am - 5.00pm	\$671.00
Brisbane, Qld	Advanced Driver Assistance Systems (ADAS)	28th May	1 full day	8.30am - 5.00pm	\$420.00
Brisbane, Qld	Electronic Battery Management	14th July	1 full day	8.30am - 5.00pm	\$420.00
Brisbane, Qld	Hybrid and Electric Vehicle Systems	15th July	1 full day	8.30am - 5.00pm	\$420.00
Brisbane, Qld	Vehicle Braking Systems	16th July	1 full day	8.30am - 5.00pm	\$420.00
Brisbane, Qld	Electronic Fundamentals & Sensor Diagnosis	24th - 25th November	2 full days	8.30am - 5.00pm	\$671.00
Brisbane, Qld	Hybrid and Electric Vehicle Systems	26th November	1 full day	8.30am - 5.00pm	\$420.00
Sydney, NSW	Electronic Battery Management	24th March	1 full day	8.30am - 5.00pm	\$420.00
Sydney, NSW	Hybrid and Electric Vehicle Systems	25th March	1 full day	8.30am - 5.00pm	\$420.00
Sydney, NSW	Vehicle Braking Systems	26th March	1 full day	8.30am - 5.00pm	\$420.00
Sydney, NSW	Common Rail System Diagnosis	16th - 17th June	2 full days	8.30am - 5.00pm	\$671.00
Sydney, NSW	Advanced Driver Assistance Systems (ADAS)	18th June	1 full day	8.30am - 5.00pm	\$420.00
Sydney, NSW	Electronic Fundamentals & Sensor Diagnosis	8th - 9th September	2 full days	8.30am - 5.00pm	\$671.00
Sydney, NSW	Hybrid and Electric Vehicle Systems	10th September	1 full day	8.30am - 5.00pm	\$420.00
Perth, WA	Electronic Battery Management	21st April	1 full day	8.30am - 5.00pm	\$420.00
Perth, WA	Hybrid and Electric Vehicle Systems	22nd April	1 full day	8.30am - 5.00pm	\$420.00
Perth, WA	Vehicle Braking Systems	23rd April	1 full day	8.30am - 5.00pm	\$420.00
Perth, WA	Common Rail System Diagnosis	4th - 5th August	2 full days	8.30am - 5.00pm	\$671.00
Perth, WA	Advanced Driver Assistance Systems (ADAS)	6th August	1 full day	8.30am - 5.00pm	\$420.00
Perth, WA	Electronic Fundamentals & Sensor Diagnosis	27th - 28th October	2 full days	8.30am - 5.00pm	\$671.00
Perth, WA	Hybrid and Electric Vehicle Systems	29th October	1 full day	8.30am - 5.00pm	\$420.00
Adelaide, SA	Electronic Fundamentals & Sensor Diagnosis	19th - 20th May	2 full days	8.30am - 5.00pm	\$671.00
Adelaide, SA	Hybrid and Electric Vehicle Systems	21st May	1 full day	8.30am - 5.00pm	\$420.00
Adelaide, SA	Common Rail System Diagnosis	21st - 22nd July	2 full days	8.30am - 5.00pm	\$671.00
Adelaide, SA	Advanced Driver Assistance Systems (ADAS)	23rd July	1 full day	8.30am - 5.00pm	\$420.00
Adelaide, SA	Electronic Battery Management	10th November	1 full day	8.30am - 5.00pm	\$420.00
Adelaide, SA	Hybrid and Electric Vehicle Systems	11th November	1 full day	8.30am - 5.00pm	\$420.00
Adelaide, SA	Vehicle Braking Systems	12th November	1 full day	8.30am - 5.00pm	\$420.00



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# 2020 Bosch Automotive Technical Training 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: .....

- ☐ I agree to receive further information from Bosch. ☐ Are you a member of the Bosch Service Network?  
If so, a 20% discount is applicable. Note: Discount not applicable to the Vehicle Dynamics - Proving Ground Experience

Course Name - Please (✓)	Date	Time	Location	Course Fees (Excl. GST) AUD
<input type="checkbox"/> Advanced Driver Assistance Systems (ADAS)				\$420.00
<input type="checkbox"/> Common Rail System Diagnosis				\$671.00
<input type="checkbox"/> Electronic Battery Management				\$420.00
<input type="checkbox"/> Electronic Fundamentals & Sensor Diagnosis				\$671.00
<input type="checkbox"/> Engine Management Systems				\$924.00
<input type="checkbox"/> Gasoline Direct Injection				\$420.00
<input type="checkbox"/> Hybrid & Electric Vehicle Systems				\$420.00
<input type="checkbox"/> Ignition System Diagnosis				\$420.00
<input type="checkbox"/> On-Board Diagnosis				\$420.00
<input type="checkbox"/> Pass-Thru Programming				\$167.00
<input type="checkbox"/> Vehicle Braking Systems				\$420.00
<input type="checkbox"/> Vehicle Dynamics Control				\$420.00
<input type="checkbox"/> Vehicle Dynamics - Proving Ground Experience				\$760.00

## Payment Options

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

**Capricorn Account Payment:** Capricorn Member Number: .....

## Credit Card Payment:

☐ VISA ☐ MasterCard

Card Number             Exp.  /

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



Scan for more information on Bosch Automotive Technical Training

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## 2020 Bosch Automotive Technical Training Calendar - New Zealand

Location	Course Name	Date/s	Course Duration	Time	Course Fees (Excl. GST) NZD
Auckland, NZ	Electronic Battery Management	3rd March	1 full day	8.30am - 5.00pm	\$420.00
Auckland, NZ	Gasoline Direct Injection	4th March	1 full day	8.30am - 5.00pm	\$420.00
Auckland, NZ	Advanced Driver Assistance Systems (ADAS)	5th March	1 full day	8.30am - 5.00pm	\$420.00
Auckland, NZ	Hybrid and Electric Vehicle Systems	30th June	1 full day	8.30am - 5.00pm	\$420.00
Auckland, NZ	KTS/ESI Operation	1st July	1 full day	8.30am - 5.00pm	\$420.00
Auckland, NZ	Pass-Thru Programming	1st July	1 evening	5.30pm - 9.00pm	\$167.00
Auckland, NZ	On Board Diagnosis	2nd July	1 full day	8.30am - 5.00pm	\$420.00
Christchurch, NZ	Electronic Battery Management	5th May	1 full day	8.30am - 5.00pm	\$420.00
Christchurch, NZ	Gasoline Direct Injection	6th May	1 full day	8.30am - 5.00pm	\$420.00
Christchurch, NZ	Advanced Driver Assistance Systems (ADAS)	7th May	1 full day	8.30am - 5.00pm	\$420.00
Christchurch, NZ	Hybrid and Electric Vehicle Systems	6th October	1 full day	8.30am - 5.00pm	\$420.00
Christchurch, NZ	KTS/ESI Operation	7th October	1 full day	8.30am - 5.00pm	\$420.00
Christchurch, NZ	Pass-Thru Programming	7th October	1 evening	5.30pm - 9.00pm	\$167.00
Christchurch, NZ	On Board Diagnosis	8th October	1 full day	8.30am - 5.00pm	\$420.00
Wellington, NZ	Electronic Battery Management	18th August	1 full day	8.30am - 5.00pm	\$420.00
Wellington, NZ	Hybrid and Electric Vehicle Systems	19th August	1 full day	8.30am - 5.00pm	\$420.00
Wellington, NZ	Advanced Driver Assistance Systems (ADAS)	20th August	1 full day	8.30am - 5.00pm	\$420.00

## Brief Course Outline

### Advanced Driver Assistance Systems (ADAS)

Filtering down into all models from all manufacturers is the Advanced Driver Assistance Systems (ADAS). This system includes emergency braking, lane keeping assistance, adaptive cruise control and blind spot detection amongst others.

As a result of minor collision damage, windscreen replacement, sensor replacement or vehicle modifications, the repair industry can experience major complications. You will receive information on ADAS functions and variations, sensor technologies and their operation/limitations as well as the equipment required for calibration.

### Electronic Battery Management

This course will allow technicians to competently diagnose and perform electrical work on electronically managed charging systems. Topics include system fundamentals, alternator and regulator evolution (incl. interfaces and control signals), power management strategies and battery sensing systems, current battery design, replacement (incl. ECU coding) and vehicle accessories.

### Gasoline Direct Injection

This course provides an in depth look at the design and operation of key GDI Systems. Learn about GDI componentry, ECU functions and their interaction in the system, mixture preparation modes, emission control strategies, diagnostic procedures and servicing possibilities, as well as the use and application of special servicing tools.

### Hybrid & Electric Vehicle Systems

This course provides you with essential safe servicing procedures for high voltage systems, lessons on the design principles, components and structures as well as battery technology, drivelines and e-machines in alternative vehicle types such as hybrid and electric vehicles.

### KTS/ESI Operation

This course is about efficient use of the KTS diagnostic testers. We overview the KTS hardware and software functions, we then introduce topics such as accessing the online common fault data base, recording and analysing data traces, referencing technical trouble shooting instructions, utilising oscilloscope functions and producing customer diagnostic reports. Tips and hints discussed will also help to maximise the efficiency of your diagnostics.

### On Board Diagnosis

This course focuses on fast and accurate diagnosis. It also describes the 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, code structures, setting and clearing conditions and the use of scan tools for improved fault diagnosis, tips and shortfalls.

### Pass-Thru Programming

Manufacturers software updates are released to improve emissions, fuel economy, drivability, performance or for specific warranty issues. The J2534 'Pass-Thru' programming standard gives you the ability to reprogram ECU's without the need for a special dealer-only tool. You will learn about the J2534 standard, the tools required and how to access the manufacturer's software data.

# 2020 Bosch Automotive Technical Training Enrolment Form - New Zealand



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(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: .....

☐ I agree to receive further information from Bosch.

☐ Are you a member of the Bosch Service Network?  
If so, a 20% discount is applicable.

Course Name - Please (✓)	Date	Time	Location	Course Fees (Excl. GST) NZD
<input type="checkbox"/> Electronic Battery Management	3rd March	8.30am - 5.00pm	Auckland	\$420.00
<input type="checkbox"/> Gasoline Direct Injection	4th March	8.30am - 5.00pm	Auckland	\$420.00
<input type="checkbox"/> Advanced Driver Assistance Systems (ADAS)	5th March	8.30am - 5.00pm	Auckland	\$420.00
<input type="checkbox"/> Hybrid and Electric Vehicle Systems	30th June	8.30am - 5.00pm	Auckland	\$420.00
<input type="checkbox"/> KTS/ESI Operation	1st July	8.30am - 5.00pm	Auckland	\$420.00
<input type="checkbox"/> Pass-Thru Programming	1st July	5.30pm - 9.00pm	Auckland	\$167.00
<input type="checkbox"/> On Board Diagnosis	2nd July	8.30am - 5.00pm	Auckland	\$420.00
<input type="checkbox"/> Electronic Battery Management	5th May	8.30am - 5.00pm	Christchurch	\$420.00
<input type="checkbox"/> Gasoline Direct Injection	6th May	8.30am - 5.00pm	Christchurch	\$420.00
<input type="checkbox"/> Advanced Driver Assistance Systems (ADAS)	7th May	8.30am - 5.00pm	Christchurch	\$420.00
<input type="checkbox"/> Hybrid and Electric Vehicle Systems	6th October	8.30am - 5.00pm	Christchurch	\$420.00
<input type="checkbox"/> KTS/ESI Operation	7th October	8.30am - 5.00pm	Christchurch	\$420.00
<input type="checkbox"/> Pass-Thru Programming	7th October	5.30pm - 9.00pm	Christchurch	\$167.00
<input type="checkbox"/> On Board Diagnosis	8th October	8.30am - 5.00pm	Christchurch	\$420.00
<input type="checkbox"/> Electronic Battery Management	18th August	8.30am - 5.00pm	Wellington	\$420.00
<input type="checkbox"/> Hybrid and Electric Vehicle Systems	19th August	8.30am - 5.00pm	Wellington	\$420.00
<input type="checkbox"/> Advanced Driver Assistance Systems (ADAS)	20th August	8.30am - 5.00pm	Wellington	\$420.00

## Auckland

Unitec  
139 Carrington Road  
Mt Albert Auckland

## Christchurch

ARA Institute of Canterbury  
Ensors Road  
Woolston Christchurch

## Wellington

WelTec Institute of Technology  
59 Cuba Street  
Petone Wellington

## Payment Options

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

**Capricorn Account Payment:** Capricorn Member Number: .....

## Credit Card Payment:

☐ VISA ☐ MasterCard

Card Number           Exp.  /

Cardholder's Name: (Please print) .....

Signature: .....

## Total Payment Due

\$

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**Mail:** Attn - Laura Oswald, Locked Bag 66, Clayton South, Victoria 3169



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