

Course Description

Basic Brake & WABCO Diagnostic Training

Version:	Basic Brake/Diag-2026	Convenor: John Hirst
Location:	Classroom. SMDC, 153 Kerrs Road, Wiri	Date: TBC
Target Group:	Intermediate Diagnostics, Service and Maintenance – Wabco Brake Systems. (Max. 6 candidates)	

Pre-requisites:

- Basic computer usage skills / Personal Protection Equipment (PPE)

Aim:

- To provide a basic understanding of trailer braking systems & diagnostic techniques.
- To identify potential candidates who demonstrate sound technical ability.
- Advance technical competence in trailer electronic control systems.

Vision:

- Enhance knowledge of basic brake systems and diagnostic technique
- Successful candidates meeting a threshold pass mark (85%) will be invited to participate in WABCO's advanced training program.

Course Content:

Module 1: Basic Brake Program (classroom)	
Introduction:	<ul style="list-style-type: none">Why do we need brakes?Types of brake (disc / drum)Conventional brake hardware & system architecture
ABS	<ul style="list-style-type: none">Explanation of an ABS control cycleSystem configurationSynchronisation & compatibility
EBS	<ul style="list-style-type: none">Advantages & standard functionsIntelligent Trailer ProgrammeCommon Faults

Module 2: Diagnostic (classroom & showroom)	
	<ul style="list-style-type: none">T-EBS diagnostic software (familiarisation)Component identification (practical)Diagnostic technique (practical)System assembly (practical)

Summary & Test:	
	<ul style="list-style-type: none">Candidates sit a test based on the contents of each training module

Course Duration: Full Day 8.00am – 5.00pm

Course Contact:

Email: WabcoTraining@transpecs.co.nz

Course Cost:

\$650.00 + gst per person
(\$325.00 pp deposit - non refundable)

<p>Transpecs Corner Kerrs & Ash Roads, Wiri, PO Box 98 971, Manukau 2241, New Zealand p (09) 980 7300 f (09) 980 7306 w transpecs.co.nz Transpecs is a trading brand of Sime Darby Transport (NZ) Ltd.</p>	<p>Page 1 of 1</p>
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