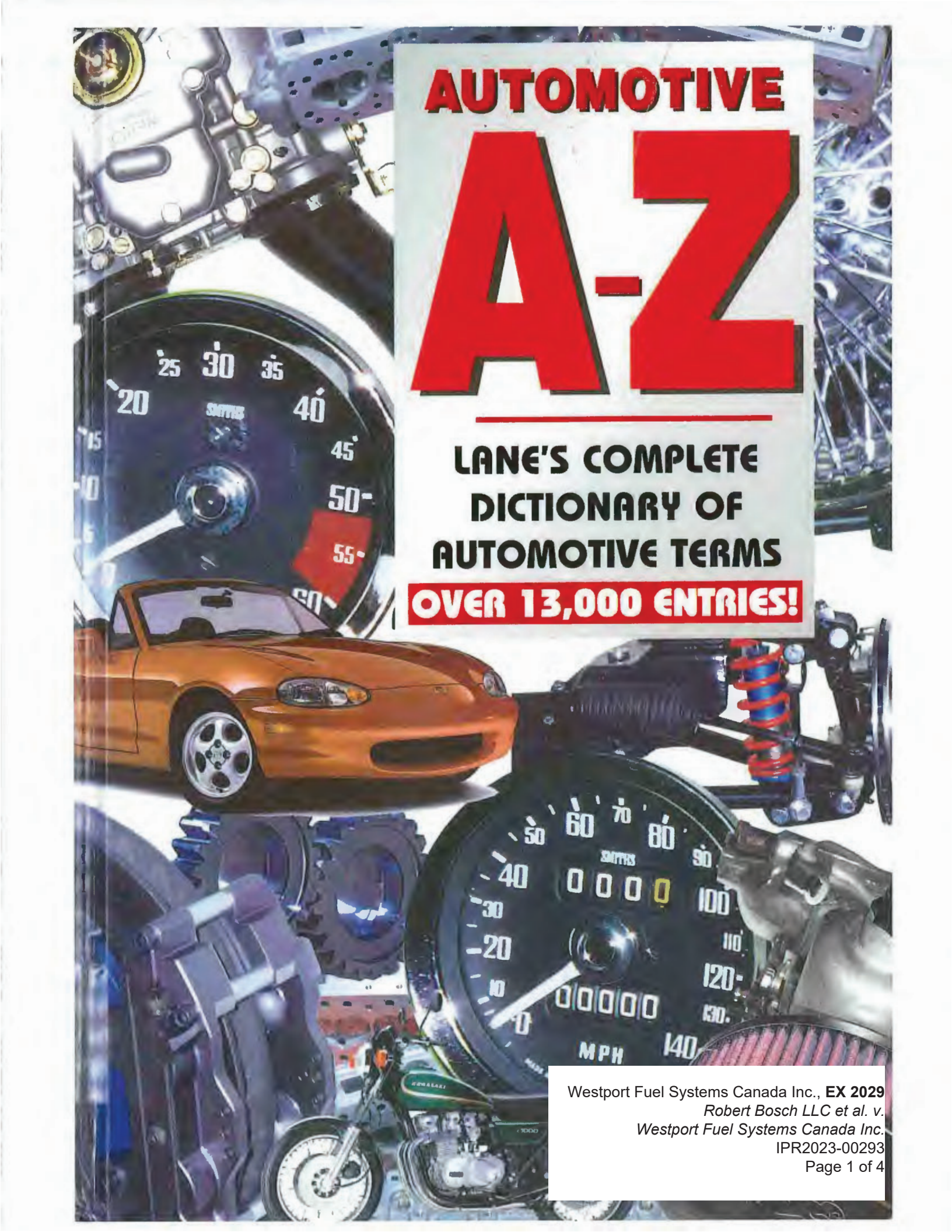




AUTOMOTIVE

A-Z

**LANE'S COMPLETE
DICTIONARY OF
AUTOMOTIVE TERMS
OVER 13,000 ENTRIES!**

AUTOMOTIVE

A-Z

**LANE'S COMPLETE
DICTIONARY OF
AUTOMOTIVE TERMS**

OVER 13,000 ENTRIES!

Keith Lane



VELOCE PUBLISHING
THE PUBLISHER OF FINE AUTOMOTIVE BOOKS

Westport Fuel Systems Canada Inc., **EX 2029**
Robert Bosch LLC et al. v.
Westport Fuel Systems Canada Inc.
IPR2023-00293
Page 2 of 4

I dedicate this book to Val, my wife and co-driver, and to my children Paul, Phillip and Charlotte for their constant encouragement.

Other Veloce publications -

Colour Family Album Series
Alfa Romeo by Andrea & David Sparrow
Bubblecars & Microcars by Andrea & David Sparrow
Bubblecars & Microcars, More by Andrea & David Sparrow
Citroen 2CV by Andrea & David Sparrow
Citroen DS by Andrea & David Sparrow
Custom VWs by Andrea & David Sparrow
Fiat & Abarth 500 & 600 by Andrea & David Sparrow
Lambretta by Andrea & David Sparrow
Mini & Mini Cooper by Andrea & David Sparrow
Motor Scooters by Andrea & David Sparrow
Porsche by Andrea & David Sparrow
Triumph Sportscars by Andrea & David Sparrow
Vespa by Andrea & David Sparrow
VW Beetle by Andrea & David Sparrow
VW Bus, Camper, Van & Pick-up by Andrea & David Sparrow
VW Custom Beetle by Andrea & David Sparrow

SpeedPro Series
How to Blueprint & Build a 4-Cylinder Engine Short Block for High Performance by Des Hammill
How to Build a V8 Engine Short Block for High Performance by Des Hammill
How to Plan and Build a Fast Road Car by Daniel Stapleton
How to Build & Modify Sportscar/Kitcar Suspension & Brakes by Des Hammill
How to Build & Modify SU Carburettors for High Performance by Des Hammill
How to Build & Power Tune Weber DCOE & Dellorto DHLA Carburetors Second Edition by Des Hammill
How to Build & Power Tune Harley-Davidson Evolution Engines by Des Hammill
How to Build & Power Tune Distributor-type Ignition Systems by Des Hammill
How to Build, Modify & Power Tune Cylinder Heads Second Edition by Peter Burgess
How to Choose Camshafts & Time them for Maximum Power by Des Hammill
How to Give your MGB V8 Power Updated & Revised Edition by Roger Williams
How to Improve the MGB, MGC & MGB V8 by Roger Williams
How to Modify Volkswagen Beetle Chassis, Suspension & Brakes for High Performance by James Hale
How to Power Tune Mini Engines on a Small Budget by Des Hammill
How to Power Tune the BMC 998cc A-Series Engine by Des Hammill
How to Power Tune BMC/Rover 1275cc A-Series Engines by Des Hammill
How to Power Tune the MGB 4-Cylinder Engine by Peter Burgess
How to Power Tune the MG Midget & Austin-Healey Sprite Updated Edition by Daniel Stapleton
How to Power Tune Alfa Romeo Twin Cam Engines by Jim Kartalamakis
How to Power Tune Ford SOHC 'Pinto' & Sierra Cosworth DOHC Engines Updated & Revised Edition by Des Hammill
How to Power Tune Rover V8 Engines for Road & Track by Des Hammill
How to Power Tune Jaguar XK Engines by Des Hammill

General
Alfa Romeo Berlins (Saloons/Sedans) by John Tipler
Alfa Romeo Giulia Coupe GT & GTA by John Tipler
Anatomy of the Works Minis by Brian Moylan
Automotive A - Z - Lane's Complete Dictionary of Automotive Terms by Keith Lane
Automotive Mascots by David Kay & Lynda Springate
Bentley Continental, Corniche and Azure, by Martin Bennett
BMW Z-Cars by James Taylor
British Cars, The Complete Catalogue of, 1895-1975 by Culshaw & Horrobin
British Police Cars by Nick Walker
British Trailer Caravans 1919-1959 by Andrew Jenkinson

British Trailer Caravans from 1960 by Andrew Jenkinson
Bugatti Type 40 by Barrie Price
Bugatti 46/50 Updated Edition by Barrie Price
Bugatti 57 - by Barrie Price
Chrysler 300 - America's Most Powerful Car by Robert Ackerson
Cobra - The Real Thing! by Trevor Legate
Cortina - Ford's Bestseller by Graham Robson
Daimler SP250 'Dart' by Brian Long
Datsun/Nissan 280ZX & 300ZX by Brian Long
Datsun Z - From Fairlady to 280Z by Brian Long
Dune Buggy Handbook by James Hale
Essential Handbook of Caravanning & Trailer Tenting by Len Archer
Fiat & Abarth 124 Spider & Coupe by John Tipler
Fiat & Abarth 500 & 600 by Malcolm Bobbitt
Ford F100/F150 Pick-up by Robert Ackerson
Ford GT40 by Trevor Legate
Ford Model Y by Sam Roberts
Half-Ton Military Land Rover, The by Mark Cook
Jaguar XJ-S, by Brian Long
Jim Redman - Six Times World Motorcycle Champion by Jim Redman
Karmann-Ghia Coupe & Convertible by Malcolm Bobbitt
Lea-Francis Story, The by Barrie Price
Lexus Story, The by Brian Long
Lola - The Illustrated History (1957-1977) by John Starkey
Lola - All The Sports Racing & Single-Seater Racing Cars 1978 - 1997 by John Starkey
Lola T70 - The Racing History & Individual Chassis Record, 3rd Edition by John Starkey
Lotus 49 by Michael Oliver
Mazda MX-5/Miata 1.6 Enthusiast's Workshop Manual by Rod Grainger & Pete Shoemark
Mazda MX-5/Miata 1.8 Enthusiast's Workshop Manual by Rod Grainger & Pete Shoemark
Mazda MX-5 Renaissance Sportscar by Brian Long
MGA by John Price Williams
Mini Cooper - The Real Thing! by John Tipler
MR2 - Toyota's Mid-engined Sports Car by Brian Long
Porsche 356 by Brian Long
Porsche 911R, RS & RSR, 4th Ed. by John Starkey
Porsche 914 & 914-6 by Brian Long
Porsche 924 by Brian Long
Porsche 944 by Brian Long
Rolls-Royce Silver Shadow/Bentley T Series Corniche & Camargue Updated Edition by Malcolm Bobbitt
Rolls-Royce Silver Spirit, Silver Spur & Bentley Mulsanne by Malcolm Bobbitt
Rolls-Royce Silver Wraith, Dawn & Cloud/Bentley MkVI, R & S Series by Martyn Nutland
RX-7 - Mazda's Rotary Engine Sportscar by Brian Long
Singer Story: Cars, Commercial Vehicles, Bicycles & Motorcycles by Kevin Atkinson
Taxi! The Story of the 'London' Taxicab by Malcolm Bobbitt
Triumph Motorcycles & the Meriden Factory by Hughie Hancox
Triumph Tiger Cub Bible by Mike Estall
Triumph Trophy & Tiger Bible by Harry Woolridge
Triumph TR2/3/3A, How to Restore, by Roger Williams
Triumph TR4/4A, How to Restore, by Roger Williams
Triumph TR5/250 & 6, How to Restore, by Roger Williams
Triumph TR6 by William Kimberley
Turner's Triumphs, Edward Turner & his Triumph Motorcycles by Jeff Clew
Velocette Motorcycles - MSS to Thruxton by Rod Burris
Volkswagens of the World by Simon Glen
VW Beetle - The Car of the 20th Century by Richard Copping
VW Beetle Cabriolet by Malcolm Bobbitt
VW Bus, Camper, Van, Pickup by Malcolm Bobbitt
Works Rally Mechanic by Brian Moylan

First published in 2002 by Veloce Publishing Ltd., 33, Trinity Street, Dorchester DT1 1TT, England. Fax: 01305 268864/e-mail: info@veloce.co.uk/webside: www.veloce.co.uk

ISBN: 1-901295-92-3/UPC: 36847-00192-6

© 2002 Keith Lane and Veloce Publishing Ltd

All rights reserved. With the exception of quoting brief passages for the purpose of review, no part of this publication may be recorded, reproduced or

transmitted by any means, including photocopying, without the written permission of Veloce Publishing

Throughout this book logos, model names and designations, etc., may have been used for the purposes

are the property of the trademark holder as this is not an official publication.

Readers with ideas for automotive books, or books on other transport or related hobby subjects, are in

British Library Cataloguing in Publication Data -

A catalogue record for this book is available from the British Library.

Typesetting (Times New Roman), design and page make-up all by Veloce on AppleMac.

Printed and bound in the EC.

Westport Fuel Systems Canada Inc., EX 2029

Robert Bosch LLC et al. v.

Westport Fuel Systems Canada Inc.

IPR2023-00293

Page 3 of 4

wrong selection.

detent, a small depression in a shaft, rail, or rod into which a pawl or ball locates to provide a locking effect.

detergent oil, a lubricating oil with additives to keep impurities in suspension, to prevent the formation of sludge.

detonation, an uncontrolled secondary explosion in the combustion chamber occurring after the spark, resulting in spontaneous combustion of the remaining air-fuel mixture, also named pinking.

detonation control system, an electronic spark control system to prevent pinking.

detonation sensor, a device that recognises detonation and sends a signal to the ECU to reduce or eliminate its occurrence.

DETR, Department of Environment Transport and the Regions, now renamed DTLR, UK.

detune, to deliberately reduce the power output of an engine by changing part of its design.

DEUA, Diesel Engine Users Association, now IDGTE.

device, a mechanism, tool, or special equipment designed to serve a specific function.

dewaxed oil, a lubricating oil that has had a portion of its wax removed to improve some qualities.

DFC, diagnostic fault code.

dfv, double four valve, a vee engine configuration having dohc and 4 valves per cylinder.

DG, USA, diesel general, a lubricating oil for diesel engines.

DGSA, dangerous goods safety advisor.

DGW, UK, design gross weight.

dhaba, a truck stop in India and neighbouring countries.

dhc, drophead coupé.

Di, direct injection diesel engine.

DI, direct injection.

DI, driveability index.

DIA, Driving Instructors Association, UK.

diabetes, a medical condition that may prevent a person holding a driving licence due to the risk of losing consciousness whilst driving.

diagnose, to analyse the root cause of a problem or failure in any vehicle part.

diagnostic computer, a microprocessor based system used for diagnostic testing of a vehicle.

diagnostic connector, a connector on a vehicle by which a service bay diagnostic computer can communicate with the electronic modules on a vehicle.

diagnostic fault code, a numeric identifier for a fault condition identified by the vehicle on-board diagnostic system, to enable determination of the actual fault.

diagnostic testing, to examine a vehicle system to detect a fault, typically by means of a diagnostic computer.

diagnostic trouble code, USA, diagnostic fault code.

diagonal, USA, a tyre of crossply construction.

diagonal belt, a seat belt worn diagonally over the chest with no lap strap, on some older USA cars, not safe due to probability of submarining under the belt in a collision.

diagonal blocking, the principle of applying wheel chocks to the wheel diagonally opposite from that being raised from the road surface for a wheel change.

diagonal split brakes, a dual circuit braking system where each circuit operates a front and diagonally opposite rear wheel for reasonably balanced braking if a circuit should fail.

dials, the instruments on the instrument panel.

diameter, a straight line passing from side to side through the centre of a circle.

diamond honing, microscopic diagonal scratches that are applied to the bore of a cylinder to aid oil retention and reduce wear.

Diamond instructor, UK, a driving instructor who holds a diploma in driving instruction and has passed the Cardington special test at grade A.

diamond junction, a grade separated junction having 1 overbridge over or under the main road and staggered crossroads at each end of the bridge feeding to/from the sliproads and lesser roads; named from the resulting plan shape; see appendices.

diamond sign, road signs for the use of tram drivers.

Diamond test, UK, an advanced driving test administered by the DIA.

diaphragm, a thin sheet of flexible material, usually circular, to divide compartments and form part of the operating mechanism, e.g. in a fuel pump or some valves.

diaphragm spring, a spring in the form of a disc with internal radial sprung fingers, commonly used in clutches.

dickey seat, an additional seat in the rear of some vintage cars, when not in use it folds into the boot.

DID, direct injection diesel.

DID, driver information display.

Diesel, Rudolf Diesel, the inventor of the compression ignition internal combustion engine burning light oil, in 1893.

diesel clatter, a characteristic noise from many diesel engines, especially when starting from cold.

diesel cycle, an internal combustion engine operating cycle having 4 strokes: induction of air, compression of air, power, exhaust, where the fuel is injected at the end of the compression stroke and ignites due to the high temperature of the compressed air.

diesel engine, an internal combustion engine with a high compression ratio, burning oil instead of petrol.

system, the fuel created by hi

diesel fuel, a by distillation

Westport Fuel Systems Canada Inc., **EX 2029**

Robert Bosch LLC et al. v.

Westport Fuel Systems Canada Inc.

IPR2023-00293

Page 4 of 4