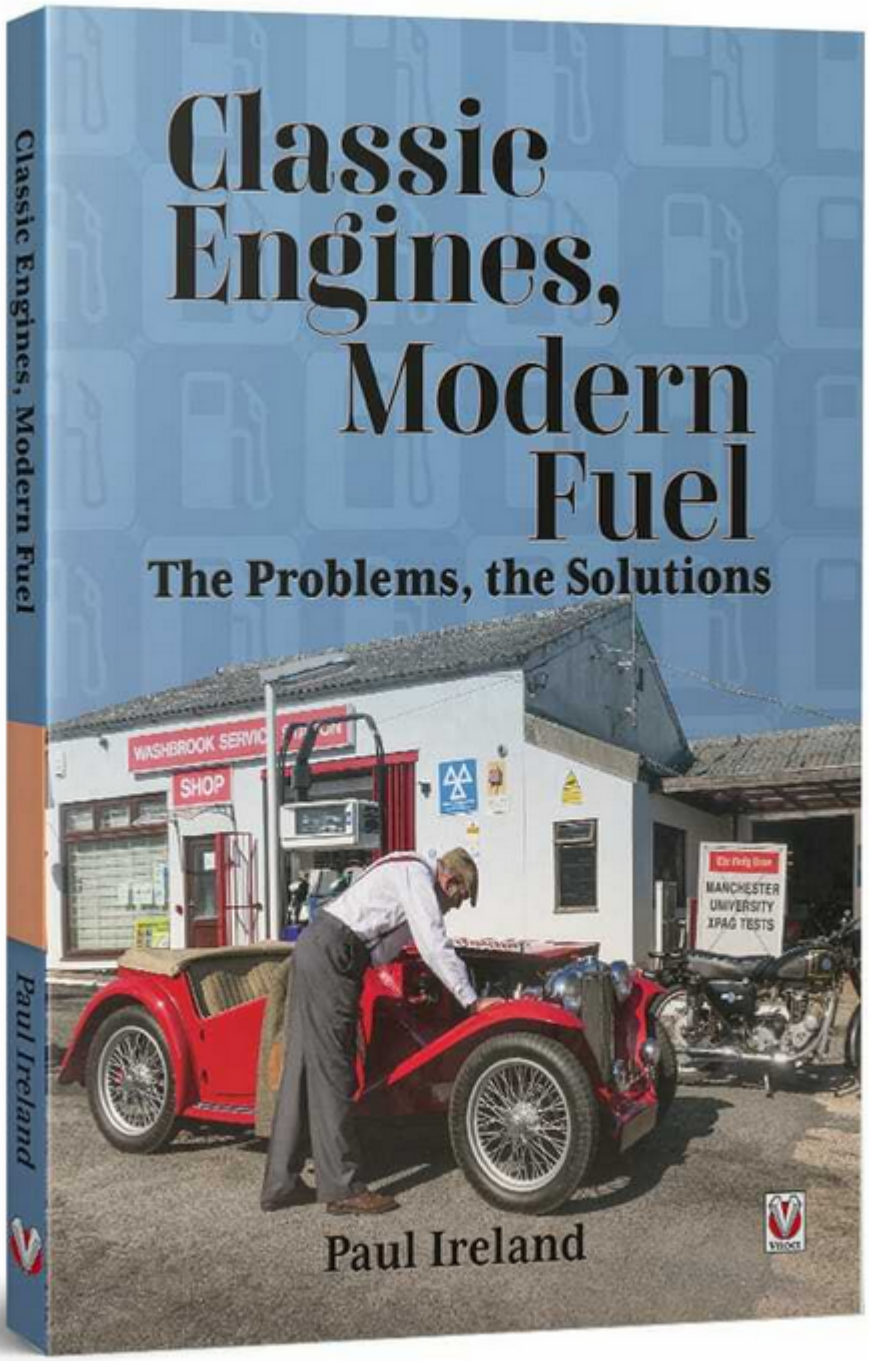
# Book Review – Classic Engines, Modern Fuel

Published: April 28, 2020

Author: Kieron Fennelly

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Classic Engines, Modern Fuel
The Problems, the Solutions
Paul Ireland
SHOP
MANCHESTER
UNIVERSITY
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For Your

# Bookshelf – Classic Engines, Modern Fuel – The Problems, the Solutions

## …Reviewed by Kieron Fennelly.

Title: Classic Engines, Modern Fuel – The Problems, the Solutions

Author: Paul Ireland

Published by: Veloce Publishing www.veloce.co.uk

152 pages; softback

Price: £15.99

ISBN: 978-1-787115-90-3

The author investigates a subject which vexes many classic car owners, namely the hot-start problem. The boiling point of modern petrol is considerably reduced by the addition of ethanol and classic carburettors often cannot supply fuel fast enough to overcome evaporation for a hot engine to fire. There is it seems no definitive solution to the hot-start problem though the author offers several suggestions from using higher octane fuels to adapting engine compartment cooling. None of this is theoretical, the author, a physicist and MG enthusiast, has run a TD since the 1970s. When first unleaded, then later ethanol-blended fuels caused the MG to run badly, he became interested in the wider question of fuelling and combustion. With help from Manchester University he was able to conduct a series of experiments and this book is the compilation of a series of articles on the results of his investigations.

Besides extensive research into the behaviour of a variety of petrol blends, there are also chapters on the workings of carburettors, especially SU carburettors which your reviewer knew, but had forgotten, stands for ‘Skinner’s Union’.

## VERDICT

A fascinating and eminently readable reference book, and a model of clarity well supported by illustrations and diagrams. Such a practical work will inevitably be much thumbed in the garage and it really should have a proper hard-cover rather than a paperback format.