

Global Powertrain Congress 2012

(GPC 2012 Troy)

Proceedings Volume 70

Troy, Michigan, USA
24-25 October 2012

Editors:

M. Nasim Uddin

Rafiq Uddin

ISBN: 978-1-62276-521-8
ISSN: 1543-9658

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2012) by Global Automotive Management Council (GAMC)
All rights reserved.

Printed by Curran Associates, Inc. (2013)

For permission requests, please contact Global Automotive Management Council (GAMC)
at the address below.

Global Automotive Management Council (GAMC)
5305 Plymouth Road
Ann Arbor, Michigan 48105

Phone: (734) 418-2365
Fax: (734) 418-2356

info@gamcinc.com

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

2017-25MY GHG/CAFE Rule Update Mass Reduction Implications	1
<i>Jay Wilton</i>	
CO₂ Capture, Utilization and Sequestration (CCUS): A Technology Map into the Future	11
<i>Desikan Sundararajan</i>	
The Diesel Engine: Looking to the Future	27
<i>Philip Dingle</i>	
Diesel EGR Cooler Fouling	38
<i>John Hoard, Mehdi Abarham, Ashwin Salvi, Dan Styles</i>	
Hybrid System Optimization of the Intelligently Electrified HyBoost Gasoline Engine Demonstrator Vehicle	48
<i>David Boggs, Jason King</i>	
Powertrain Overview - Risks and Opportunities	56
<i>Anthony Pratt</i>	
The NH₃ Generator	68
<i>Thomas Wilhelm</i>	
Vehicle Emissions Review - 2012	76
<i>Tim Johnson</i>	
Author Index	