Technical Tip

01-19-07TT  DTC P1A58 NOx Catalytic Converter Regeneration Required

Release date: 12/13/2019

Condition

ATTENTION:
THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Applicable Vehicles

<table>
<thead>
<tr>
<th>Model(s)</th>
<th>Year</th>
<th>Eng. Code</th>
<th>Trans. Code</th>
<th>VIN Range From</th>
<th>VIN Range To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jetta, Jetta Sportwagen, Beetle Beetle Convertible, Golf</td>
<td>2009 - 2014</td>
<td>2.0L TDI (CBEA CJAA)</td>
<td>All</td>
<td>All</td>
<td>All</td>
</tr>
</tbody>
</table>

Revision Table

<table>
<thead>
<tr>
<th>Instance Number</th>
<th>Published Date</th>
<th>Version Number</th>
<th>Reason For Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>2057073/4</td>
<td>12/13/19</td>
<td>01-19-07TT</td>
<td>Update regeneration instruction.</td>
</tr>
<tr>
<td>2057073/3</td>
<td>11/8/19</td>
<td>01-19-07TT</td>
<td>Update regeneration instruction.</td>
</tr>
<tr>
<td>2057073/2</td>
<td>11/1/19</td>
<td>01-19-07TT</td>
<td>Incorrect Tech Tip number in title.</td>
</tr>
<tr>
<td>2057073/1</td>
<td>10/25/19</td>
<td>01-19-06TT</td>
<td>Original publication.</td>
</tr>
</tbody>
</table>

Technical Background

DTC P1A58 NOx Catalytic Converter Regeneration required.

Service

Before starting NOx catalytic converter regeneration, check thermostat operation: Road test 6 miles on the freeway and monitor MVB 46/2. If temp drops below 87°C replace the thermostat. Then perform NOx converter regeneration.

To make sure the desulfurization via regeneration goes as quickly and successfully as possible, please pay attention to the following:

- Guided Functions: Select Adjust learning values for the NOx storage Catalyst Converter.
- Drive with constant speed of 70... 120 km/h (40... 75 mph).
- To do so, use the Cruise Control if available.
- Avoid abrupt accelerations and deceleration, as this prevents correct regeneration of the NOx Storage Catalyst.
- The regeneration takes approx. 40 - 50 minutes.
Good driving conditions are:
- Low-traffic country road/highway
- Level roads
- Very constant driving cycle
- Drive with cruise control
- Engine rpm between 1900 - 2400
- Select 4th/5th gear (depending on speed)

Poor conditions are:
- A lot of traffic / city traffic
- Mountain roads
- Constant acceleration / braking
- Inconsistency with accelerator pedal position.

Additional Information
© 2019 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.