Introduction

Some 2005 – 2007 model year Sequoia and 2005 – 2006 model year Tundra vehicles may exhibit a M.I.L. “ON” with DTC P0418 and/or P2445. This may be caused by the air injection control driver. Please use the following repair procedure to address the customer’s concern.

Applicable Vehicles

* 2005 – 2007 model year Sequoia vehicles produced BEFORE the Production Change Effective VINs shown below.

Production Change Information

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PLANT</th>
<th>DRIVE TRAIN</th>
<th>PRODUCTION CHANGE EFFECTIVE VIN</th>
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</thead>
<tbody>
<tr>
<td>Sequoia</td>
<td>TMMI</td>
<td>2WD</td>
<td>STDZT38A#7S294054</td>
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<tr>
<td></td>
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<td>4WD</td>
<td>STD8T48A#7S287286</td>
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Parts Information

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PREVIOUS PART NUMBER</th>
<th>CURRENT PART NUMBER</th>
<th>PART NAME</th>
<th>QTY</th>
</tr>
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<tbody>
<tr>
<td>Sequoia</td>
<td>89580–34010</td>
<td>89580–34011</td>
<td>Driver</td>
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<tr>
<td>Tundra</td>
<td>89581–71010</td>
<td>89581–34040</td>
<td>Air Injection Control</td>
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Warranty Information

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<tr>
<th>OP CODE</th>
<th>DESCRIPTION</th>
<th>TIME</th>
<th>MODEL</th>
<th>OPF</th>
<th>T1</th>
<th>T2</th>
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<tbody>
<tr>
<td>EG7020</td>
<td>R &amp; R Air Injection Control Driver</td>
<td>0.5</td>
<td>Sequoia</td>
<td>89580–34010</td>
<td>8A</td>
<td>99</td>
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<td></td>
<td>Tundra</td>
<td>89581–71010</td>
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</table>

Applicable Warranty*:

* This repair is covered under the Toyota Federal Emission Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle’s in-service date.
* This repair is covered under the California Emission Warranty. This warranty is in effect for 36 months or 50,000 miles, whichever occurs first, from the vehicle’s in-service date.

* Warranty application is limited to correction of a problem based upon a customer’s specific complaint.
Required SPECIAL SERVICE TOOLS (SSTs)

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>QTY</th>
<th>DRW**</th>
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<tr>
<td>1</td>
<td>TOY220036</td>
<td>1</td>
<td>9</td>
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<td>2</td>
<td>01002744</td>
<td>1</td>
<td>9</td>
</tr>
</tbody>
</table>

Toyota Diagnostic Tester Kit*

NOTE:
• All components from this kit/set are required.
• 12 Megabyte Diagnostic Tester Program Card (P/N 01002593–005) with version 14.1a Software (or later) is required.

CAN Interface Module Kit*

NOTE:
• All components from this kit/set are required.

* Essential SSTs.
** Drawer number in SST Storage System.

NOTE:
Additional Diagnostic Tester Kits, CAN Interface Modules, Program Cards, or other SSTs may be ordered by calling SPX/OTC at 1-800-933-8335.

Repair Procedure

1. Using the Diagnostic Tester, check for Diagnostic Trouble Codes (DTCs). If P0418 and/or P2445 are present, replace the injection driver.

2. If DTC P0418 and/or P2445 are still present after replacing the air injection driver, inspect the air injection system.

Refer to the Technical Information System (TIS):

• 2005 model year Sequoia Repair Manual:

• 2006 or 2007 model year Sequoia Repair Manual:

• 2005 model year Tundra Repair Manual:

• 2006 model year Tundra Repair Manual: