

**DISTRIBUTE TO:**

- Service Manager  
 Warranty Administrator

**Warranty Policy Bulletin**

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**REVISED 5/17/16**

**SUBJECT: *CUSTOMER SUPPORT PROGRAM (ZTQ):  
WARRANTY ENHANCEMENT FOR AIR INJECTION  
PUMPS & AIR SWITCHING VALVES ON 2007-2010  
TUNDRA & 2008-2010 SEQUOIA VEHICLES***

Beginning October 19, 2011, Toyota will initiate a Customer Support Program (CSP) for 2007-2010 model year Tundra and 2008-2010 model year Sequoia vehicles to extend the warranty coverage on the air injection pumps and air switching valves.

**Background**

Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles. T-SB-0160-11 has been released to assist dealers in the diagnosis and repair of these vehicles.

However, some of the vehicles covered by T-SB-0160-11 may be outside of Toyota's New Vehicle Limited Powertrain Warranty and California Emission Warranty due to age and/or mileage. To assure customers that we stand behind our product, we are offering a warranty extension on the Air Injection Pumps and Air Switching Valves on 2007-2010 Tundra and 2008-2010 Sequoia vehicles.

**Applicability**

The air pump assemblies and air switching valves are covered by Toyota's Basic Warranty for 3 years or 36,000 miles (whichever occurs first) and the California Emission Warranty\* for 7 years or 70,000 miles (whichever occurs first). This CSP will extend the warranty coverage for the air injection pumps and air switching valves on 2007 through 2010 model year Tundra and 2008 through 2010 model year Sequoia vehicles which exhibit the condition described above. This warranty extension will be for **10 years or 150,000 miles** from the vehicle's date-of-first-use (whichever occurs first).

\* The California Emission Warranty coverage only applies to certain states and certain model year/engine type Tundra and Sequoia vehicles. Please refer to Toyota Warranty Policy 4.7 for additional information.

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**Applicability (continued)**

Not all vehicles are covered by this warranty enhancement. Please verify VIN applicability for this CSP by performing a VIN Inquiry in CPS or checking TIS before completing any repairs.

***Please note that damage incurred from abuse, an accident and/or crash, vandalism or other similar events is not covered by the New Vehicle Limited Warranty or this Warranty Extension.***

**Claim Submission**

| Claim Type     | Opcode | Description  | Labor Time         | Rental |
|----------------|--------|--|--------------------|--------|
| Repair Program | 1716G4 | Inspect Air Injection System<br>+<br>Replace Air Injection Pump,<br>Air Switching Valve, & Air Pump<br>Inlet/Inlet Cover | 4.0 hr/<br>vehicle | 1 Day  |

Note: If the vehicle is still under the New Vehicle Limited Warranty, submit the repair as a regular warranty claim.

**Rental**

When submitting claims with rental, use "RT" as the sublet type and "LNM" as the sublet reason code. The rental amount should not exceed \$35 per day. If the maximum number of rental days and/or the rental amount is exceeded, the claim will require District Service and Parts Manager (DSPM) authorization.

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**Replacement Parts**

**For 1GR/1UR/3UR vehicles** - If moisture/water is found to be present in the Air Injection Pumps and/or Air Switching Valves, it is imperative that all air pumps and the emission control valves are replaced. All parts listed for the applicable model in T-SB-0160-11 must be replaced in order to ensure the condition is properly addressed. Failure to replace all parts may result in comeback repairs.

**For 2UZ vehicles** – Most vehicles will not require the replacement of the Bank 1 Air Pump. If replacement is necessary, a vehicle health check must be attached to the R.O. showing the vehicle has one of the following DTCs: P2444, P2445 or P0418. Inappropriate replacement of the Bank 1 Air Pump on 2UZ-FE vehicles will result in a warranty claim debit.

| Engine                  | Part No.    | Part Name         | Qty Per Vehicle |
|-------------------------|-------------|-------------------|-----------------|
| 1GR-FE<br>( - 8/08)     | 90467-28007 | Clamp             | 2               |
| 2UZ-FE<br>( - 8/08)     |             |                   | 1               |
| 3UR-FE<br>( - 8/08)     |             |                   | 2               |
| 1GR-FE<br>(11/06-10/10) | 17610-0S010 | Air Pump Assembly | 2               |
| 1GR-FE<br>(10/10 - )    | 17610-0P010 |                   | 1               |
| 1UR-FE                  | 17610-0S010 |                   | 2               |
| 2UZ-FE                  |             |                   | 1               |
| 3UR-FE                  |             |                   | 2               |
| 3UR-FBE                 |             |                   | 2               |

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**Replacement Parts (continued)**

| Engine  | Part No.    | Part Name                          | Qty Per Vehicle |
|---|-------------|------------------------------------|-----------------|
| <p><u>2UZ-FE Only</u></p> <p>*Most 2UZ-FE vehicles will not require replacement of this air pump assembly. Please make sure to properly diagnose and confirm this pump has failed prior to replacement.</p> | 17610-0C010 | Air Pump Assembly<br>(Bank 1 Pump) | 1*              |
| 1GR-FE<br>(11/06 – 10/10)   | 25710-31011 | Emission Control Valve Set         | 1               |
| 1GR-FE<br>(10/10-05/11)   | 25701-31011 |                                    | 1               |
|   | 25702-31011 |                                    | 1               |
| 1GR-FE<br>(05/11 - )  | 25701-31011 |                                    | 1               |
|   | 25702-31011 |                                    | 1               |
| 1UR-FE  | 25701-38100 |                                    | 1               |
|   | 25702-38050 |                                    | 1               |
| 2UZ-FE<br>(11/06-04/07)   | 25710-50031 |                                    | 2               |
| 2UZ-FE<br>(05/07 – 04/09)   | 25710-50031 |                                    | 1               |
|   | 25710-50041 |                                    | 1               |
| 3UR-FE  | 25701-38061 | Emission Control Valve Set         | 1               |
| 3UR-FBE   |             |                                    |                 |

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**Replacement Parts (continued)**

| Engine                    | Part No.    | Part Name               | Qty Per Vehicle |
|---------------------------|-------------|-------------------------|-----------------|
| 1GR-FE                    | 17621-0S012 | Air Pump Inlet          | 1               |
| 1UR-FE                    |             |                         |                 |
| 3UR-FE                    |             |                         |                 |
| 3UR-FBE                   |             |                         |                 |
| 2UZ-FE                    | 04001-7310F | Air Inlet Cover Kit     | 1               |
| 1GR-FE<br>(11/06 – 10/10) | 17376-50010 | Gasket, Air Tube        | 2               |
|                           | 17377-31010 |                         | 2               |
| 1GR-FE<br>(10/10 - )      | 17377-38010 |                         | 4               |
| 1UR-FE                    | 17376-38030 |                         | 2               |
|                           | 17377-38010 |                         | 2               |
| 2UZ-FE<br>(11/06 – 04/09) | 17376-50010 |                         | 2               |
|                           | 17377-50010 |                         | 2               |
| 3UR-FE                    | 17377-38010 |                         | 2               |
| 3UR-FBE                   |             |                         |                 |
| 3UR-FE                    | 17376-38020 |                         | 2               |
| 3UR-FBE                   |             |                         |                 |
| 3UR-FE                    | 17171-0S030 | Gasket, Intake Manifold | 2               |
| 3UR-FBE                   | 17171-0S020 |                         | 2               |

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**Customer-Paid Repairs or Replacement of Components**

If a customer has previously paid for the repair or replacement of the Air Injection Pumps and/or Air Switching Valves due to a warrantable condition, please direct them to mail a copy of the repair order which includes the reason for repair, proof-of-payment and proof-of-ownership to the address below for reimbursement consideration. Please note that damage incurred from abuse, a crash, vandalism and/or other impact is not covered by the New Vehicle Limited Warranty or this warranty extension.

**Toyota Motor Sales, U.S.A., Inc.  
Customer Experience Center, WC10  
19001 South Western Avenue  
Torrance, CA 90509**

The customer name, address, and telephone number(s) should be included in the request. The customer should allow 4-6 weeks for processing.

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