

**DISTRIBUTE TO:**  
 Service Manager  
 Warranty Administrator



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**SUBJECT: WARRANTY ENHANCEMENT PROGRAM (ZG6):  
WARRANTY EXTENSION FOR AIR INJECTION PUMPS &  
AIR SWITCHING VALVES ON CERTAIN 2011 MY TUNDRA  
AND 2011 MY SEQUOIA VEHICLES**

**Background**

Toyota has received reports of customer concerns regarding the illumination of the check engine light due to moisture/water in the Air Injection Pumps and/or Air Switching Valves.

**Applicability**

The Air Injection Pumps and Air Switching Valves are covered by Toyota's New Vehicle Limited Warranty\* for 3 years or 36,000 miles (whichever occurs first) and by the California Emission Warranty\*\* for 7 years or 70,000 miles (whichever occurs first). However, Toyota is announcing a Warranty Enhancement Program to cover repairs related to illumination of the check engine light (Malfunction Indicator Light) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves.

This Warranty enhancement is applicable for ten (10) years from the date-of-first use, or 150,000 miles, whichever occurs first.

Not all vehicles are covered by this warranty enhancement. Verify VIN applicability for this Warranty Enhancement by checking Technical Information System (TIS) before completing any repairs.

Direct marketing of this Warranty Enhancement is strictly prohibited pursuant to the Toyota Warranty Policy 5.21, "Warranty Solicitation." Non-compliance of this policy may result in a claim debit.

*\*This Warranty Enhancement Program is subject to all of the terms and conditions set forth in the Toyota New Vehicle Limited Warranty. For example, damage from abuse, an accident, theft and/or vandalism, or repairs to vehicles which are currently or were previously titled as "scrap," "salvage," or "dismantled" is not covered by the New Vehicle Limited Warranty or this Warranty Enhancement pursuant to Warranty Policy 4.17, "What Is Not Covered by the Toyota New Vehicle Limited Warranty".*

*\*\*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.*

## **Technician Training Requirements**

The repair quality of covered vehicles is extremely important to Toyota. All dealership technicians performing this repair are required to successfully complete the most current version of the E-Learning course “SC17A - Safety Recall and Service Campaign Essentials”. To ensure that all vehicles have the repair performed correctly; technicians performing this repair are required to currently hold at least one of the following certification levels:

- Engine Expert
- Hybrid Expert
- Master
- Master Diagnostic Technician

Claims for repairs that were performed by non-qualified technicians are subject to debit.

## **Claim Submission**

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

Claim Type	Model	Engine	Opcode	OFP	Description	Labor Time
Repair Program	2011 Tundra	1GR-FE	CHG29A	17610-0P010	Inspect Air Injection System + replace air injection pump & ASV & air pump inlet	4.0 hr./vehicle
		2UZ-FE				
	2011 Sequoia	3UR-FE/FBE		17610-0S010		

**Please ensure this electronic bulletin is printed and distributed to those designated as well as any other appropriate personnel.**

## **Replacement Parts**

All parts replaced for this repair are subject to warranty parts recovery.

<b>Model and Engine</b>	<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
11MY Tundra (1GR-FE)	17610-0P010	PUMP ASSY, AIR	1
	25701-31011	VALVE SET, EMISSION CONTROL, NO.1	1
	25702-31011	VALVE SET, EMISSION CONTROL, NO.2	1
	17621-0S012	INLET, AIR PUMP	1
	17377-38010	GASKET, AIR TUBE	4
11MY Tundra & Sequoia (1UR-FE)	17610-0S010	PUMP ASSY, AIR	2
	25701-38100	VALVE SET, EMISSION CONTROL, NO.2	1
	25702-38050	VALVE SET, EMISSION CONTROL, NO.1	1
	17621-0S012	INLET, AIR PUMP	1
	17376-38030	GASKET, AIR TUBE, No.1	2
	17377-38010	GASKET, AIR TUBE	2
11MY Tundra & Sequoia (3UR-FE)	17610-0S010	PUMP ASSY, AIR	2
	25701-38061	VALVE ASSY, ELECTRIC AIR CONTROL	1
	17621-0S012	INLET, AIR PUMP	1
	17377-38010	GASKET, AIR TUBE	2
	17376-38020	GASKET, AIR TUBE, No.1	2
	17171-0S030	GASKET, INTAKE MANIFOLD	2
11MY Tundra & Sequoia (3UR-FBE)	17610-0S010	PUMP ASSY, AIR	2
	25701-38061	VALVE ASSY, ELECTRIC AIR CONTROL	1
	17621-0S012	INLET, AIR PUMP	1
	17377-38010	GASKET, AIR TUBE	2
	17376-38020	GASKET, AIR TUBE, No.1	2
	17171-0S020	GASKET, INTAKE MANIFOLD	2

## **Technical Instructions (Repair Procedures)**

Technical instructions can be found in T-SB-0160-11, please refer to TIS for additional information.

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

If a customer has previously paid for the repair to address the condition described above, please have them mail a copy of the repair order, proof-of-payment, and proof-of-ownership to the following address for reimbursement consideration:

**Toyota Customer Experience Center - TSR  
Toyota Motor Sales, USA, Inc.  
c/o Toyota Motor North America, Inc.  
P O Box 259001 – SSC/CSP Reimbursements  
Plano, Texas 75025-9001**

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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