


DISTRIBUTE TO: <input checked="" type="checkbox"/> Service Manager <input checked="" type="checkbox"/> Warranty Administrator	 TOYOTA Warranty Policy Bulletin	No.: POL11-05 Date: 10/19/11 Page: 1 of 10 REVISED 7/12/12
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**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)

Please verify VIN applicability for this CSP by performing a VIN Inquiry in CPS 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.

Applicable VIN Ranges

MODEL	WMI	MY	VDS	START	FINISH
Sequoia	5TD	2008	BT64A	S000014	S000239
			BY64A	S000047	S023589
			BY67A	S000042	S023596
			BY68A	S000034	S023597
			ZT64A	S000014	S000384
			ZY64A	S000010	S015402
			ZY67A	S000012	S015400
			ZY68A	S000013	S015401
		2009	BT64A	S000244	S001152
			BW68A	S023606	S023606
			BY64A	S023711	S023868
			BY67A	S023609	S023857
			BY68A	S023616	S023856
			ZT64A	S000438	S000953
			ZY64A	S019566	S020863
			ZY67A	S015919	S015919
		2010	ZY68A	S015426	S021051
			BM5G1	S001002	S001323
			BW5G1	S023880	S039775
			BY5G1	S023869	S039765
			DW5G1	S023878	S039787
			DY5G1	S023870	S039790
			JW5G1	S023876	S039764
			JY5G1	S023871	S039782
			KM5G1	S001417	S001458
			KY5G1	S022514	S030902
			YY5G1	S022511	S030903
			ZM5G1	S001034	S002523
		ZY5G1	S022519	S030899	
		ZY67A	S020526	S020527	

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MODEL	WMI	MY	VDS	START	FINISH
Tundra	5TB	2007	BT541	S449772	S458203
			BT581	S449768	S458119
			BV541	S449818	S490980
			BV581	S449815	S490940
			DT541	S452172	S458112
			DT581	S451402	S457120
			DV541	S454929	S490979
			DV581	S454922	S490970
			ET541	S451522	S457443
			ET581	S452313	S457105
			EV541	S453235	S473183
			EV581	S452114	S473116
			RT541	S449776	S457554
			RT581	S449772	S457346
			RU541	S449764	S451516
			RV541	S449790	S473197
		RV581	S449792	S473167	
		BT541	S458128	S465088	
		BT581	S460039	S463353	
		BV541	S489753	S524241	
		BV581	S490994	S524168	
		DT541	S458232	S465032	
		DT581	S458211	S465038	
		DV541	S490988	S524251	
	DV581	S490274	S524192		
	ET541	S457566	S461702		
	ET581	S460063	S460135		
	EV541	S473215	S483286		
	EV581	S472420	S483281		
	RT541	S457555	S461703		
	RT581	S457567	S459791		
	RV541	S473199	S483282		
	RV581	S473206	S483264		
BT541	X001509	X010233			
BT581	X001504	X009214			
BV541	X002493	X032595			
BV581	X002480	X032589			
CT541	X001009	X002214			
CV541	X001185	X005181			
DT541	X009296	X009985			
DT581	X009401	X009401			
5TF	2007				

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MODEL	WMI	MY	VDS	START	FINISH
Tundra	5TF	2007	DV541	X023882	X032593
			DV581	X022843	X032590
			ET541	X015154	X016078
			ET581	X015222	X015222
			EV541	X025255	X032800
			EV581	X025031	X032788
			JT521	X001258	X002235
			JU521	X001130	X003335
			JV521	X001122	X002393
			KT521	X001022	X002147
			KV521	X001133	X002462
			LT521	X001572	X016115
			LU521	X001203	X006726
			LV521	X003585	X032768
			MT521	X001506	X010227
			MV521	X002485	X032585
			RT541	X001571	X016317
			RT581	X001570	X016043
			RU541	X001200	X006742
			RV541	X003586	X032799
		RV581	X003587	X032785	
		ST541	X001106	X002069	
		SV541	X001063	X004748	
		2008	BT541	X010234	X014584
			BT581	X010659	X013869
			BV541	X032597	X083158
			BV581	X032603	X083120
			CT541	X002218	X002439
			CV541	X005183	X008862
			DT541	X010580	X013787
			DT581	X012554	X012753
			DV541	X032596	X083159
			DV581	X032602	X083167
			ET541	X016320	X027282
ET581	X022981		X026381		
EV541	X032809		X069738		
JV521	X002395		X003232		
KT521	X002148	X002358			
KV521	X002463	X003358			
LT521	X016321	X027335			
LU521	X006748	X017477			

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MODEL	WMI	MY	VDS	START	FINISH
Tundra	5TF	2008	LV521	X032804	X069666
			MT521	X010235	X014590
			MV521	X032626	X083124
			RT541	X016318	X027320
			RT581	X017618	X020071
			RU541	X006743	X017473
			RV541	X032802	X069735
			RV581	X032846	X069669
			ST541	X002070	X002160
			SV541	X004749	X006281
		2009	BT541	X014611	X015672
			BV541	X083229	X094475
			BV581	X083255	X092224
			BW541	X083226	X094474
			BW581	X083224	X094470
			CT541	X002440	X002442
			CV541	X008872	X009340
			CW541	X008870	X009343
			DT541	X014616	X015546
			DV541	X083242	X094456
			DV581	X083244	X094356
			DW541	X083227	X094471
			DW581	X083217	X094450
			ET541	X028344	X028907
			EV541	X069830	X073898
			EV581	X069778	X073903
			JU521	X004131	X004208
			JV521	X003234	X003256
			KT521	X002362	X002376
			KV521	X003364	X003503
			KW521	X003384	X003510
			LT521	X027997	X029309
			LU521	X017497	X020451
			LV521	X070510	X073112
			MT521	X014876	X015419
			MV521	X085497	X094424
MW521	X084767	X094316			
RT541	X027383	X029316			
RU541	X017498	X020454			
RV541	X069772	X073904			
RV581	X070033	X073900			

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MODEL	WMI	MY	VDS	START	FINISH
Tundra	5TF	2009	ST541	X002171	X002179
			SV541	X006283	X006375
		2010	BM5F1	X002356	X012028
			BW5F1	X093050	X157866
			BY5F1	X093061	X158120
			CM5F1	X001001	X001315
			CW5F1	X009335	X011307
			CY5F1	X009336	X011328
			DM5F1	X001019	X015957
			DW5F1	X093128	X158145
			DY5F1	X094480	X158124
			EM5F1	X001006	X020520
			EY5F1	X073303	X098616
			JM5F1	X001002	X001186
			JU5F1	X004209	X004556
			JY5F1	X003257	X003328
			KM5F1	X001001	X001318
			KW5F1	X003513	X004429
			KY5F1	X003514	X004430
			LM5F1	X001026	X017356
			LU5F1	X020324	X024194
			LY5F1	X074019	X098178
			MM5F1	X001020	X013421
			MW5F1	X094824	X157067
			MY5F1	X093123	X157106
			RM5F1	X001008	X020527
			RU5F1	X020455	X024192
			RY5F1	X073343	X098617
			SM5F1	X004749	X017596
			SY5F1	X073306	X098475
		TM5F1	X001001	X001237	
		TY5F1	X006373	X006991	
UM5F1	X001021	X015966			
UW5F1	X093055	X158144			
UY5F1	X094485	X158138			

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Claim Submission

Claim Type	Opcode	Description	Labor Time	Rental
Repair Program	1716G4	Inspect Air Injection System + Replace Air Injection Pump, Air Switching Valve, & Air Pump Inlet/Inlet Cover	4.0 hr/ 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.

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 (- 8/08)	90467-28007	Clamp	2
2UZ-FE (- 8/08)			1
3UR-FE (- 8/08)			2

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Replacement Parts (continued)

Engine	Part No.	Part Name	Qty Per Vehicle
1GR-FE (11/06-10/10)	17610-0S010	Air Pump Assembly	2
1GR-FE (10/10 -)	17610-0P010		1
1UR-FE	17610-0S010		2
2UZ-FE			1
3UR-FE			2
3UR-FBE			2
2UZ-FE <u>Only</u> *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.	17610-0C010		Air Pump Assembly (Bank 1 Pump)
1GR-FE (11/06 – 10/10)	25710-31011	Emission Control Valve Set	1
1GR-FE (10/10-05/11)	25701-31011		1
	25702-31011		1
1GR-FE (05/11 -)	25701-31011		1
	25702-31011		1
1UR-FE	25701-38100		1
	25702-38050		1
2UZ-FE (11/06-04/07)	25710-50031		2

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Replacement Parts (continued)

Engine	Part No.	Part Name	Qty Per Vehicle
2UZ-FE (05/07 – 04/09)	25710-50031	Emission Control Valve Set	1
	25710-50041		1
3UR-FE	25701-38061		1
3UR-FBE			
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 (11/06 – 10/10)	17376-50010	Gasket, Air Tube	2
	17377-31010		2
1GR-FE (10/10 -)	17377-38010		4
1UR-FE	17376-38030		2
	17377-38010		2
2UZ-FE (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
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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