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# SERVICE BULLETIN

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Classification:

FE07-004

Reference:

NTB07-040

Date:

June 6, 2007

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## 2004 – 2007 TITAN AND ARMADA; LOW POWER WITH WIDE OPEN THROTTLE

**APPLIED VEHICLES:** 2004 – 2007 Titan (A60)  
2004 – 2007 Armada (TA60)

**APPLIED VINs:** 2004 – 2006, all VINs  
2007 Titan built before 1N6(\*)A0(\*\*)7N 236037  
2007 Armada built before 5N1AA08(\*\*)7N 720223

**APPLIED DATE:** Built before February 22, 2007

### IF YOU CONFIRM

When accelerating with Wide Open Throttle (WOT) the engine power is reduced,

### ACTIONS

1. Check fuel pressure during a transmission "Stall Test" (see Service Procedure).
2. If fuel pressure test is NG, replace the fuel pump.

**NOTE:** Low fuel pressure may cause DTCs to be detected. If you have DTCs with this incident, first replace the fuel pump and then recheck the DTC diagnosis.

**IMPORTANT:** The purpose of "ACTIONS" (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (starting on page 3) as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

**PARTS INFORMATION**

DESCRIPTION	MODEL	YEAR	PART #	QUANTITY
Fuel Pump	Titan Flex Fuel Vehicle	2005 – 2007	17040 – ZH00A	1
	Armada Flex Fuel Vehicle	2007	17040 – ZH00A	
	Titan and Armada Gasoline only	2004 – 2006	17040 – 7S20A	
		2007	17040 – ZE00B	
Fuel Pump O-ring	Titan and Armada	2004 – 2007	17342 – 7S000	1

**CLAIMS INFORMATION**

Submit a Primary Part (PP) type line claim using the following claims coding:

For Titan

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Fuel Pressure Stall Check	(1)	DX21AA	AE	32	0.6

(1) Reference the Parts Information Table and use the applicable Fuel Pump P/N as the PFP.

For Armada

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Fuel Pressure Stall Check	(1)	DX21WA	AE	32	0.6

(1) Reference the Parts Information Table and use the applicable Fuel Pump P/N as the PFP.

**OR:**

Submit a Primary Part (PP) type line claim using the following claims coding:

For Titan

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Fuel Pressure Stall Check & RPL Fuel Pump – Road Test Vehicle	(1)	DX22AA	AE	32	1.6

(1) Reference the Parts Information Table and use the applicable Fuel Pump P/N as the PFP.

For Armada

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Fuel Pressure Stall Check & RPL Fuel Pump – Road Test Vehicle	(1)	DX22WA	AE	32	1.8

(1) Reference the Parts Information Table and use the applicable Fuel Pump P/N as the PFP.

## SERVICE PROCEDURE

1. Connect a fuel pressure gauge to the engine (special tool kit J-44321 or equivalent).
  - Follow all instructions under “Fuel Pressure Check” in Section EC of the Service Manual for connecting the fuel pressure gauge.
  
2. Look at the fuel pressure while performing a transmission “Stall Test”.
  - The Stall Test 10 minute warm up is not needed for this Service Procedure.
  - Follow all other instructions for performing the Stall Test under “Inspections Before Trouble Diagnosis” in Section AT of the Service Manual.

**CAUTION:** Do not hold down the accelerator pedal for more than 5 seconds while performing the Stall Test.

  - Fuel pressure is NG if it drops below 45 psi during the Stall Test.
  - If the fuel pressure is **OK**, this bulletin does not apply. Return to ASIST for further diagnosis and repair information.
  - If the fuel pressure is **NG**, go to step 3.
  
3. Replace the fuel pump.
  - Follow all instructions under “Fuel Pump Assembly, Removal and Installation” in section FL of the appropriate Service Manual.
  - Use the fuel pump listed in the Parts Information.
  - Make sure to use a new fuel pump o-ring seal.
  
4. Test drive the vehicle; make sure the incident is fixed.

### NOTE:

- Low fuel pressure may cause DTCs to be detected. If you have DTCs with this incident; first replace the fuel pump and then recheck the DTC diagnosis.
- DTC diagnosis and repair is not covered by this TSB.