



Technical Service BULLETIN

April 21, 2006

Title: 2UZ-FE ACCESSORY DRIVE BELT NOISE

Models: '00 - '06 Tundra



ENGINE
REVISÉD
EG026-06

TSB REVISION NOTICE:

- July 9, 2007: The Introduction has been updated. Production Change Effective VINs have been updated in the Production Change Information table. In the Repair Procedure steps 12 and 13 and the illustration below step 13 have been updated, and steps 14 - 17 have been renumbered.

Previous versions of this TSB should be discarded.

Introduction Some customers may experience an abnormal squeal noise from the engine accessory drive belt area, usually during cold start-up. An improved accessory drive belt tensioner, A/C compressor bracket, and revised installation procedure have been developed to address this condition.

- Applicable Vehicles**
- 2000 - 2006 model year Tundra vehicles produced **BEFORE** the Production Change Effective VINs shown below.

Production Change Information

MODEL	TYPE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
Tundra	B & C-Cab	4x2	5TBRT381X6S483122
		4x4	5TBBT44116S486648
	D-Cab	4x2	5TBET34186S551552
		4x4	5TBDT441X6S547729

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
16620-0W036	16620-0W100	Tensioner Assembly, V-Ribbed Belt	1
88431-0C011	88431-0C012	Bracket, Compressor Mounting, No. 1	1

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG5040	R & R Accessory Drive Belt Tensioner & R & R Compressor Mounting Bracket No. 1	3.5	16620-0W036	91	14

Applicable Warranty*:

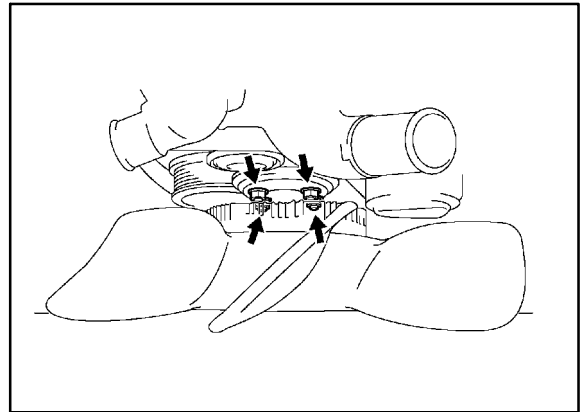
This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.

* Warranty application is limited to correction of a problem based upon a customer's specific complaint.



**Repair
Procedure**

1. Remove the engine under cover.
2. Drain the engine coolant.
3. Remove the intake air connector assembly.
4. Remove the radiator fan shroud.
5. Remove the drive belt, fan, fluid coupling, and fan pulley.

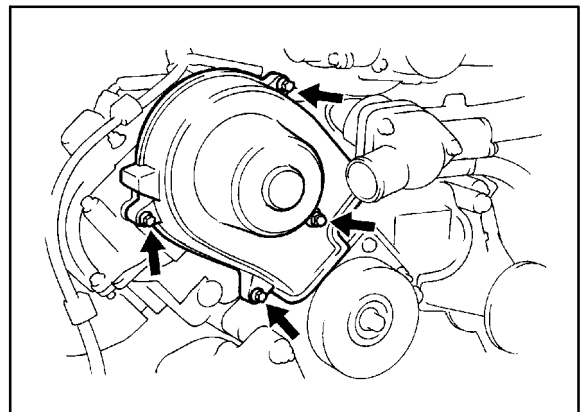


6. Without disconnecting the power steering fluid lines, remove the power steering pump.

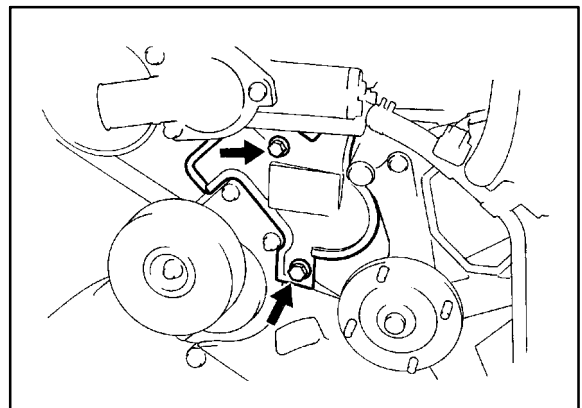
HINT:

Suspend the power steering pump securely.

7. Remove the drive belt idler pulley.
8. Remove the right hand (RH) No. 3 timing belt cover.



9. Remove the No. 2 timing belt cover.



**Repair
Procedure**
(Continued)

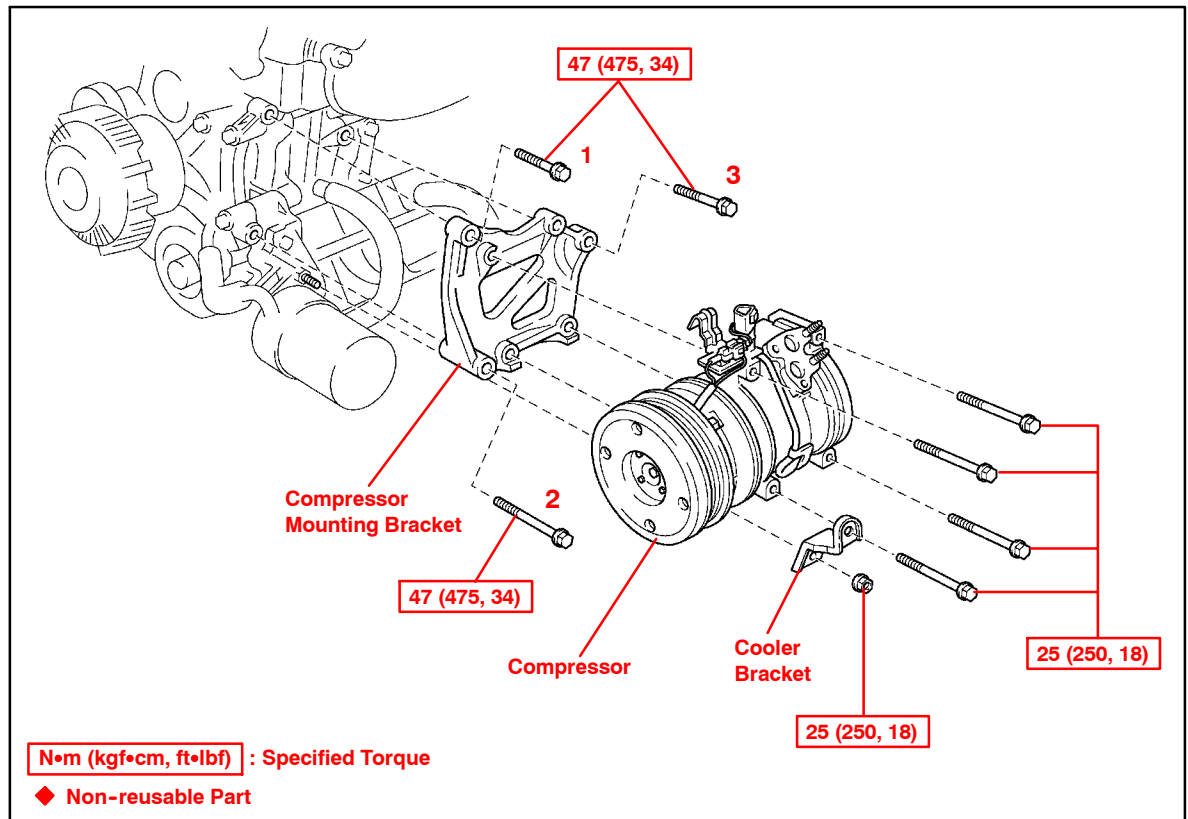
10. Without disconnecting the A/C refrigerant lines, remove the A/C compressor from the mounting bracket.

HINT:

Suspend the A/C compressor securely.

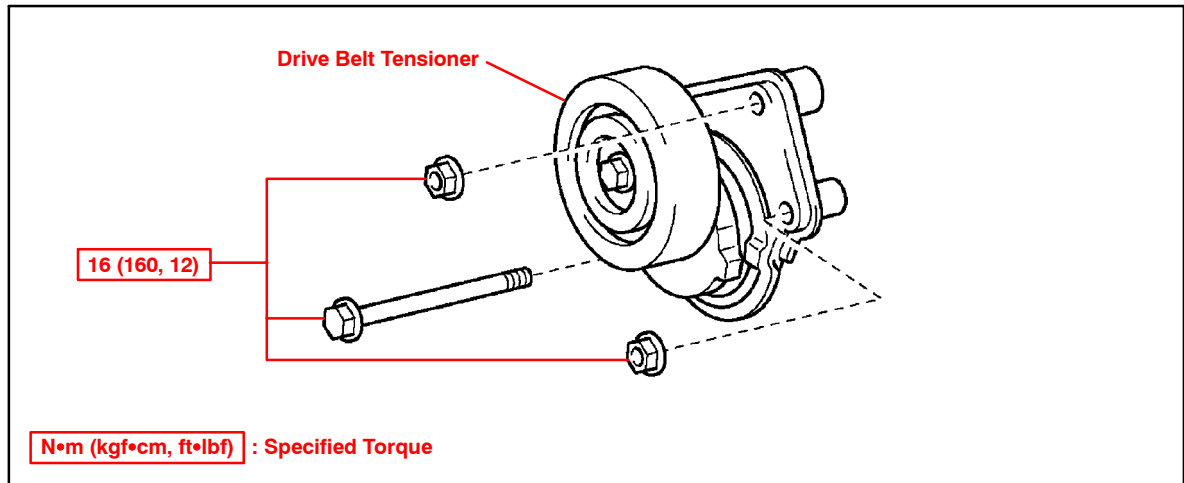
11. Disconnect the A/C compressor mounting bracket.
12. Install the NEW A/C compressor mounting bracket and hand tighten bolts 1 and 2 while holding the bracket forward (refer to illustration below).
13. While holding the bracket forward, tighten the A/C compressor mounting bolts in the following sequence: bolt 2, bolt 1, bolt 3.

Torque: 47 N•m (475 kgf•cm, 34 ft•lbf)



**Repair
Procedure**
(Continued)

14. Remove the accessory drive belt tensioner.
15. Install the NEW accessory drive belt tensioner.



16. Reassemble in the reverse order of disassembly.
17. Refill cooling system.